

SEARCH REQUEST FORM

Scientific and Technical Information Center

85

Requester's Full Name: Luke S. Wasson Examiner #: 77895 Date: 22 April 2004
 Art Unit: 277 Phone Number 30 5-5706 Serial Number: 1071992582
 Mail Box and Bldg/Room Location: PX2-4D41 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Collaborative File Access Management System
 Inventors (please provide full names): Stephen M. Hitchen, Paul Battersby
Assignee is Adhaero Technologies, Inc.
 Earliest Priority Filing Date: 11/16/2001

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

A collaborative file rights management method, wherein
 access policy (who is allowed access) and digital rights (what they are allowed to do)
 management data is appended to a file,

I/O requests are intercepted

users are only granted access within the bounds defined by the access policy &
 digital rights management data appended to the requested file.

Also, files are automatically encrypted upon saving, decrypted upon opening.

Example operations subject to digital rights are viewing, editing, copying to clipboard,
 printing, deleting, saving.

Two best prior art thus far found are attached.

STAFF USE ONLY

Searcher: Terese Estabell Type of Search _____ Vendors and cost where applicable _____
 Searcher Phone #: 308-7794 NA Sequence (#) _____ STN _____
 Searcher Location: 4B 30 AA Sequence (#) _____ Dialog _____
 Date Searcher Picked Up: 4/22/04 4:15pm Structure (#) _____ Questel/Orbit _____
 Date Completed: 4/26/04 11:30am Bibliographic _____ Dr. Link _____
 Searcher Prep & Review Time: _____ Litigation _____ Lexis/Nexis _____
 Clerical Prep Time: _____ Patent Family _____ Sequence Systems _____
 Online Time: _____ Other _____ WWW/Internet _____
 Other (specify) _____



STIC Search Results Feedback Form

EIC 2100

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Anne Hendrickson, EIC 2100 Team Leader
308-7831, CPK2-4B40

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 2133

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2100 CPK2-4B40





STIC Search Report

EIC 2100

STIC Database Tracking Number: 120081

TO: Luke Wassum
Location: 4D41
Art Unit : 2177
Monday, April 26, 2004

Case Serial Number: 09/992582

From: Terese Esterheld
Location: EIC 2100
PK2-4B30
Phone: 308-7795

Terese.esterheld@uspto.gov

Search Notes

Dear Examiner Wassum,

Attached, please find the results of your search request for application 09/992582. I have concentrated on finding information on Collaborative file rights, Access policy appended to file, grant access, Encryption and decryption.

I have marked items that have portions of the information requested. Please look over the complete package as there may be other items of value to you.

Please let me if you need additional information on this search.

Thank you for coming to EIC 2100.

Terese Esterheld

Set	Items	Description
S1	1	AU='HITCHEN S M'
S2	2	AU='BATTERSBY P' OR AU='BATTERSBY P T'
S3	2	S1 OR S2

File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)
(c) 2004 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2004/Apr W02
(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040415,UT=20040408
(c) 2004 WIPO/Univentio

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200426
(c) 2004 Thomson Derwent

3/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015535471 **Image available**
WPI Acc No: 2003-597621/200356
XRPX Acc No: N03-476320

**Collaborative file rights management method involves accessing file using
extracted digital rights management data appended to file**

Patent Assignee: BATTERSBY P (BATT-I); HITCHEN S M (HITC-I)

Inventor: **BATTERSBY P ; HITCHEN S M**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030105734	A1	20030605	US 2001992582	A	20011116	200356 B

Priority Applications (No Type Date): US 2001992582 A 20011116

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030105734	A1	11	G06F-007/00	

Abstract (Basic): US 20030105734 A1

NOVELTY - A file input/output (I/O) request to access a file is identified and compressed, to automatically extract digital rights management data appended to file. The file is provided to authoring application, and access to the file is managed, based on the extracted management data.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) machine readable storage medium storing collaborative file rights management program; and

(2) collaborative file rights management system.

USE - For managing collaborative file rights.

ADVANTAGE - The digital rights management data prohibits execution of the authoring application operations.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the collaborative file rights management system.

pp; 11 DwgNo 1/3

Title Terms: FILE; MANAGEMENT; METHOD; ACCESS; FILE; EXTRACT; DIGITAL;

MANAGEMENT; DATA; APPENDAGE; FILE

Derwent Class: T01

International Patent Class (Main): G06F-007/00

File Segment: EPI

3/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007131178
WPI Acc No: 1987-131175/198719
XRAM Acc No: C87-054480
XRPX Acc No: N87-098103

**Optical inspection appts. for transparent or translucent layer - has
fibre optic bundles positioned at different distances behind lens system
to obtain two focal points**

Patent Assignee: EMHART IND INC (EMHA)

Inventor: **BATTERSBY P T ; CLAYPOOL M P**

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2182436	A	19870513	GB 8625809	A	19861029	198719 B
US 4672200	A	19870609	US 85795376	A	19851105	198725
GB 2182436	B	19891018	GB 8625809	A	19861024	198942

Priority Applications (No Type Date): US 85795376 A 19851105

*Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 4672200 A 13

Abstract (Basic): GB 2182436 A

One or more bifurcated fibre optic probes directed at a wall of a transparent or translucent container, and light emitted thereby is selectively reflected from both the inner and outer surfaces of the container wall. Each probe includes a pair of bifurcated fibre optic bundles (23,26) which are disposed at different distances behind a 1:1 lens system, resulting in two focal points at different distances from the fibre optic probe. Relative motion of the inner and outer wall surfaces between these focal points results in measurable variations of the probe output signals, which variations may be interpreted to track wall thickness and concentricity.

An alternative detection scheme uses a probe with a single bifurcated fibre optic bundle, and reciprocates such probe relative to the container wall while measuring the separation of null points of the output signal. Glass or plastic sheets may alternatively be inspected. The output signal or signals may be used to generate a reject signal.

USE/ADVANTAGE - Inspection of glassware containers. The system is easily adapted to translucent plastics articles.

Title Terms: OPTICAL; INSPECT; APPARATUS; TRANSPARENT; TRANSLUCENT; LAYER; FIBRE; OPTICAL; BUNDLE; POSITION; DISTANCE; LENS; SYSTEM; OBTAIN; TWO; FOCUS; POINT

Derwent Class: A35; L01; S02; S03

International Patent Class (Additional): G01B-011/06; G01N-021/90;

H01J-005/16

File Segment: CPI; EPI

Set	Items	Description
S1	93	AU=(HITCHEN, S? OR HITCHEN S? OR BATTERSBY, P? OR BATTERSBY P?)
S2	0	S1 AND MANAGEMENT()SYSTEM?
S3	0	S1 AND COLLABORATIVE()FILE?
File	2:INSPEC	1969-2004/Apr W2 (c) 2004 Institution of Electrical Engineers
File	6:NTIS	1964-2004/Apr W3 (c) 2004 NTIS, Intl Cpyrght All Rights Res
File	8:Ei Compendex(R)	1970-2004/Apr W2 (c) 2004 Elsevier Eng. Info. Inc.
File	34:SciSearch(R)	Cited Ref Sci 1990-2004/Apr W3 (c) 2004 Inst for Sci Info
File	35:Dissertation Abs Online	1861-2004/Mar (c) 2004 ProQuest Info&Learning
File	65:Inside Conferences	1993-2004/Apr W3 (c) 2004 BLDSC all rts. reserv.
File	92:IHS Intl.Stds.& Specs.	1999/Nov (c) 1999 Information Handling Services
File	94:JICST-EPlus	1985-2004/Apr W1 (c)2004 Japan Science and Tech Corp(JST)
File	95:TEME-Technology & Management	1989-2004/Apr W1 (c) 2004 FIZ TECHNIK
File	99:Wilson Appl. Sci & Tech Abs	1983-2004/Mar (c) 2004 The HW Wilson Co.
File	103:Energy SciTec	1974-2004/Apr B1 (c) 2004 Contains copyrighted material
File	144:Pascal	1973-2004/Apr W2 (c) 2004 INIST/CNRS
File	202:Info. Sci. & Tech. Abs.	1966-2004/Feb 27 (c) 2004 EBSCO Publishing
File	233:Internet & Personal Comp. Abs.	1981-2003/Sep (c) 2003 EBSCO Pub.
File	239:Mathsci	1940-2004/May (c) 2004 American Mathematical Society
File	275:Gale Group Computer DB(TM)	1983-2004/Apr 23 (c) 2004 The Gale Group
File	434:SciSearch(R)	Cited Ref Sci 1974-1989/Dec (c) 1998 Inst for Sci Info
File	647:CMP Computer Fulltext	1988-2004/Apr W2 (c) 2004 CMP Media, LLC
File	674:Computer News Fulltext	1989-2004/Apr W2 (c) 2004 IDG Communications
File	696:DIALOG Telecom. Newsletters	1995-2004/Apr 22 (c) 2004 The Dialog Corp.

Set	Items	Description
S1	132177	COLLABORATIVE OR COOPERATIVE OR SYNERGETIC OR SYNERGI? OR - COOPERAT? OR COWORKING OR CO()WORKING
S2	7236	(FILE OR FILES OR DOCUMENT? OR RECORD? OR REPORT? OR MANUSCRIPT? OR CITATION? OR TEXT OR IMAGE? OR OBJECT?) (2N) (RIGHT? OR PRIVILEGE OR PROFILE?)
S3	4130782	MANAGEMENT OR ADMINISTRATION OR OVERSIGHT OR CONTROL? OR SUPERVIS?
S4	3816	(ACCESS OR ADMISSION OR ADMITTANCE OR ENTRY OR ENTREE OR INGRESS) (2N) (POLICY OR (PLAN OR COURSES) () ACTION OR PROCEDURE - OR PROGRAM)
S5	957	(DIGITAL? OR ONLINE OR ELECTRONIC) (2N) (RIGHT? OR PRIVILEGE? OR PROFILE?)
S6	96363	(APPEND? OR (ADD OR TACK) () ON OR ADDITION? OR JOIN? OR UNITE OR AFFIX? OR ATTACH? OR CONNECT? OR ANNEX? OR SUPPLEMENT) (-5N) (FILE OR FILES OR DOCUMENT? OR RECORD? OR REPORT? OR MANUSCRIPT? OR CITATION? OR TEXT OR IMAGE? OR OBJECT?)
S7	66707	(INPUT? OR OUTPUT? OR (IN OR OUT) () PUT? OR RECEIV? OR TRANSFER? OR DELIVER? OR RETRIEVE? OR DOWNLOAD OR UPLOAD? OR (DOWN OR UP) () LOAD? OR TRANSMIT? OR I()O) (2N) (REQUEST? OR QUESTION? OR INQUIR? OR DEMAND? OR SOLICIT?)
S8	1182733	INTERCEPT? OR INTERRUPT? OR STOP? OR DEFLECT? OR (CUT OR HEAD) () OFF
S9	1204016	USER OR CLIENT? OR COMPUTER? OR PC OR STAND() ALONE? OR STANDALONE? OR WORKSTATION? OR WORK() STATION? OR NODE?
S10	24569	(GRANT? OR ALLOW? OR PERMIT?) (2N) (ACCESS OR ADMISSION OR ADMITTANCE OR ENTRY OR ENTRIE OR INGRESS)
S11	321717	ENCRYPT? OR DECOD? OR UNENCOD? OR DECRYPT? OR UNENCRYPT? OR UNCRYPT? OR CIPHER? OR CYPHER? OR ENCOD? OR ENCIPHER? OR ENCYIPHER? OR UNCOD? OR DECIPHER? OR DECYIPHER? OR UNCIPHER? OR - UNCYIPHER? OR CRYPTO? OR ENCRYPT? OR PKI
S12	2	S1 (3N) S2 (3N) S3
S13	15	S1 AND S2 AND S3
S14	0	S4 AND S5 AND S6
S15	75	S4 AND S6
S16	7	S4 AND S5
S17	25	S5 AND S6
S18	5919	S7 AND S8
S19	2	S9 AND S10 AND S16
S20	29936	S11 (3N) (FILE OR FILES OR DOCUMENT? OR RECORD? OR REPORT? OR MANUSCRIPT? OR CITATION? OR TEXT OR IMAGE? OR OBJECT?)
S21	80	S20 (2N) (AUTOMATIC? OR INSTINCTIVE? OR SPONTANEOUS? OR INVOLUNTARY? OR IMPULSIVE?)
S22	201	S12 OR S13 OR S15 OR S16 OR S17 OR S19 OR S21
S23	115	S22 AND IC=G06F?
S24	43	S23 AND IC=(G06F-007? OR G06F-017?)
S25	38	S22 AND MC=(T01-N02B1A OR T01-N02B1B OR T01-S03)
S26	72	S24 OR S25

File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200426

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DIALOG(R)File 347:JAPIO
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07390867 **Image available**
METHOD AND DEVICE FOR WORKING DOCUMENT CIPHER, DOCUMENT CIPHER WORKING
PROCESSING PROGRAM AND RECORDING MEDIUM THEREFOR

PUB. NO.: 2002-259368 [JP 2002259368 A]
PUBLISHED: September 13, 2002 (20020913)
INVENTOR(s): KAWAMURA KENICHI
HARADA HIDEAKI
KAWABE YOSHIYUKI
IWAMOTO TOSHIHIRO
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)
APPL. NO.: 2001-056249 [JP 200156249]
FILED: March 01, 2001 (20010301)
INTL CLASS: G06F-017/24 ; G06F-017/21 ; G06F-017/27

ABSTRACT

PROBLEM TO BE SOLVED: To easily distribute a **document** by providing **automatic cipher** working processing for a privacy information part in the document.

SOLUTION: This device is provided with a means 111 for storing a word (replacing word) for replacing a relevant word set by a user unspecifiably in a word dictionary 130 and performing morpheme analysis concerning an input document while referring to the word dictionary, a means 112 for extracting a peculiar noun part concerning privacy information on the basis of the morpheme analysis result, a means 122 for working the replacing word of the extracted peculiar noun part into cipher by acquiring it from the word dictionary, further, means 123, 124 and 125 for replacing the extracted peculiar noun part into unspecifiable symbol, alphabet letter or initial letter and a means 121 for selecting any one of the means 122-125 corresponding to the kind of a working target character string or the like.

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07390862 **Image available**
METHOD AND DEVICE FOR WORKING DOCUMENT CIPHER, DOCUMENT CIPHER WORKING
PROCESSING PROGRAM AND RECORDING MEDIUM THEREFOR

PUB. NO.: 2002-259363 [JP 2002259363 A]
PUBLISHED: September 13, 2002 (20020913)
INVENTOR(s): KAWAMURA KENICHI
OKU MASAHIRO
HARADA HIDEAKI
KAWABE YOSHIYUKI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)
APPL. NO.: 2001-056248 [JP 200156248]
FILED: March 01, 2001 (20010301)
INTL CLASS: G06F-017/21 ; G06F-017/24

ABSTRACT

PROBLEM TO BE SOLVED: To easily distribute a **document** by implementing **automatic cipher** working process for a privacy information part in the document.

SOLUTION: A personal computer or net terminal or other document preparing/editing equipment is provided with a means for extracting a peculiar noun part concerning privacy information out of an input document and a means 120 for replacing the extracted peculiar noun part with an

unspecifiable symbol, alphabet letter or initial letter corresponding to the kind of the extracted peculiar noun part or the like.

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26/5/3 (Item 3 from file: 347)
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07214609 **Image available**
METHOD AND APPARATUS FOR MANAGING MEDICAL DATA

PUB. NO.: 2002-083046 [JP 2002083046 A]
PUBLISHED: March 22, 2002 (20020322)
INVENTOR(s): AMAGASAKI MITSUNOBU
APPLICANT(s): AMAGASAKI MITSUNOBU
NAKAJIMA YOICHI
APPL. NO.: 2000-272931 [JP 2000272931]
FILED: September 08, 2000 (20000908)
INTL CLASS: G06F-017/60 ; G06F-012/00 ; G06F-012/14 ; H04L-009/08;
H04L-009/26

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the cost and space needed to store medical data by storing medical data of clinical record sheets, etc., outside and to use the medical data for a proper treatment according to the state of a patient by easily perusing the medical data while protecting the privacy of the patient by keeping the medical data secret.

SOLUTION: Document data and electronic data of registered medical facilities have are received secretly. The received medical data are ciphered and held as a data file on a web server. The held medical data are sent to an information processing terminal 18 of the medical facilities through the Internet 16. The ciphered data file is automatically deciphered by medical-facility side data converting equipment set on the information processing terminal of the medical facilities between a communication line 14 and the information processing terminal 18 of the medical facilities. Keys for deciphering are set by departments or for a plurality of departments if a patient visits the plurality of departments.

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07205190 **Image available**
METHOD AND DEVICE FOR MANAGING DATA

PUB. NO.: 2002-073613 [JP 2002073613 A]
PUBLISHED: March 12, 2002 (20020312)
INVENTOR(s): AMAGASAKI MITSUNOBU
APPLICANT(s): AMAGASAKI MITSUNOBU
APPL. NO.: 2000-266151 [JP 2000266151]
FILED: September 01, 2000 (20000901)
INTL CLASS: G06F-017/30 ; G06F-012/00 ; G06F-012/14 ; G06F-013/00 ;
G06F-017/60 ; G09C-001/00; H04L-009/26

ABSTRACT

PROBLEM TO BE SOLVED: To reduce cost and space which are needed to store data by storing externally the data and also to conveniently utilize the data by easily reading the data while maintaining the confidentiality of the data.

SOLUTION: Document data or electronic data which are owned by a registered

member are received confidentially. The received data are enciphered and stored as a data file on a Web server. The stored data are transmitted to the information processing terminal 18 of the member through the Internet 16. A member side data converter installed in the information processing terminal of the member **automatically decodes the enciphered data file** between a communication line 14 and the information processing terminal 18 of the user.

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26/5/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
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06988622 ****Image available****
DIGITAL CONTENTS BROWSER, PROGRAM TO REALIZE THE SAME AND STORAGE MEDIUM IN WHICH CONTENTS DATA IS RECORDED

PUB. NO.: 2001-216197 [JP 2001216197 A]
PUBLISHED: August 10, 2001 (20010810)
INVENTOR(s): NAGATA YOSHIRO
OKUYAMA SADAMITSU
APPLICANT(s): DAINIPPON PRINTING CO LTD
APPL. NO.: 2000-023691 [JP 200023691]
FILED: February 01, 2000 (20000201)
INTL CLASS: **G06F-012/14 ; G06F-017/30 ; G09C-001/00**

ABSTRACT

PROBLEM TO BE SOLVED: To realize digital contents capable of preventing secondary use of contents data by copying it.

SOLUTION: A digital contents browser is provided with an automatic ciphering means capable of deciphering a read ciphered file and leaving no deciphered result on a computer when a certain ciphered file is read by an optional execution program on the computer, a database contents browsing means to perform specification of retrieval conditions, interactive input of star of retrieval and display of a retrieval result of the contents data including one or more database files, an **automatic ciphering control** means to turn on an automatic ciphering function of the automatic ciphering means linked with the start of retrieval of the contents data and to turn off the automatic ciphering function linked with completion of retrieval and a database engine means to receive the data retrieval conditions from the database contents browsing means, retrieve database data deciphered by the automatic encrypting means and transfer its result to the data base contents browsing means.

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06341172 ****Image available****
DOCUMENT PROCESSOR, ITS CONTROL METHOD, DOCUMENT PROCESSING SYSTEM, ITS CONTROL METHOD AND COMPUTER READABLE MEMORY

PUB. NO.: 11-282776 [JP 11282776 A]
PUBLISHED: October 15, 1999 (19991015)
INVENTOR(s): SHIRASAKA TERUSHI
APPLICANT(s): CANON INC
APPL. NO.: 10-082048 [JP 9882048]
FILED: March 27, 1998 (19980327)
INTL CLASS: **G06F-013/00 ; G06F-017/21 ; H04L-012/54 ; H04L-012/58**

ABSTRACT

PROBLEM TO BE SOLVED: To perform failure-free high quality communication in terms of security on a network even if document data in a different format is **attached** to a **document** by adding information showing an **access program** that can process the document data to document data and transmitting it.

SOLUTION: A system bus 101 mutually **connects** various components of a **document** processor for data transmission and reception. A CPU 102 performs transmission and reception processings of document data. A ROM 103 stores a fixed program that is necessary to start an OS to control the document processor and to access the various components. When document data of a format that is different from the data current format is **attached** to one piece of **document** data in such a configuration, contracted image data corresponding to the document data is produced. And the contracted image data and information showing an **access program** that can process document data are added to the document data and are transmitted.

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26/5/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
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06341169 **Image available**
DOCUMENT PROCESSOR AND CONTROL METHOD, DOCUMENT PROCESSING SYSTEM AND CONTROL METHOD AND COMPUTER READABLE MEMORY

PUB. NO.: 11-282773 [JP 11282773 A]
PUBLISHED: October 15, 1999 (19991015)
INVENTOR(s): SHIRASAKA TERUSHI
APPLICANT(s): CANON INC
APPL. NO.: 10-082049 [JP 9882049]
FILED: March 27, 1998 (19980327)
INTL CLASS: G06F-013/00 ; G06F-017/21 ; H04L-012/54; H04L-012/58

ABSTRACT

PROBLEM TO BE SOLVED: To perform high quality communication in terms of security on a network without failures even if folder data is **attached** to **document** data by adding information which shows an **access program** that can process the folder data to the document data and transmitting it.

SOLUTION: A system bus 101, mutually **connects** various components of a **document** processor and transmits and receives data. A CPU 102 performs transmission processing and receiving processing of document data. A ROM 103 stores starts an OS that control the document processor and stores a fixed program that is necessary to access the various components. In the document processor with this configuration, when folder data that is managed by a hierarchical structure is **attached** to one piece of **document** , **image** data corresponding to the folder data is produced and the image data and **access program** information which shows an **access program** that can process the folder data are added to document data and transmitted.

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DIALOG(R)File 347:JAPIO
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06083466 **Image available**
DEVICE AND METHOD FOR MANAGING MEDIUM ACCESSING PLURAL MEDIUM TYPES

PUB. NO.: 11-024980 [JP 11024980 A]
PUBLISHED: January 29, 1999 (19990129)
INVENTOR(s): BOEZEMAN JOHN J

ROBINSON SHAWNE D
APPLICANT(s): INTERNATL BUSINESS MACH CORP <IBM>
APPL. NO.: 10-152993 [JP 98152993]
FILED: June 02, 1998 (19980602)
PRIORITY: 885304 [US 885304], US (United States of America), June 30,
1997 (19970630) .
INTL CLASS: G06F-012/00 ; G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To access medium objects of plural medium types which are stored in plural places by including medium **access program** logic to **access** a storage place where plural medium types are stored in medium class information.

SOLUTION: A computer system 15 offers transparent access to plural types of medium files which are stored in various places including a local server 30 or the third server 40. That is, a medium manager can transparently access a user and automatically access a medium file regardless of a file place. For instance, in the case of a file place that exists in a remote third server 40, the medium manager connects to the remote URL, sets up an appropriate protocol, reads data in a universal format, converts the data into an appropriate format and supplies the data to an application. Consequently, the **connection** to a **file** can take a different format in accordance with a place where the file exists.

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26/5/23 (Item 15 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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015586039 **Image available**
WPI Acc No: 2003-648194/200362
XRPX Acc No: N03-515718

Method and device for editing, conservation and distribution of documents for creation of documents at a company level, whereby storage of documents online reduces traditional production constraints

Patent Assignee: ETOCOMM SA (ETOC-N)

Inventor: CHARBONNEAU T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2835335	A1	20030801	FR 20021362	A	20020131	200362 B

Priority Applications (No Type Date): FR 20021362 A 20020131

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2835335	A1		20	G06F-017/30	

Abstract (Basic): FR 2835335 A1

NOVELTY - Device comprises: a mediatech (120) in the form of a multimedia relational database of documents and their components in native format; a dynamic **management** module (130) for access **rights** to said **documents** and components; a **collaborative** space (140) providing a virtual workspace for using the database and; a tender offer **management** module for supply of products or services relative to one or more of the said documents.

DETAILED DESCRIPTION - The invention also relates to a corresponding document editing method.

USE - Creation of documents at a company level. The invention relates particularly to provision of document production services by a specialized agency.

ADVANTAGE - The invention enables companies to store their documents on line, reducing the constraints of traditional production particularly for a national or multinational company.

DESCRIPTION OF DRAWING(S) - Figure shows a schematic block diagram

of an inventive system.

mediatech or multimedia document database (120)

management module (130)

collaborative space (140)

tender offer **management** module. (150)

pp; 20 DwgNo 1/4

Title Terms: METHOD; DEVICE; EDIT; CONSERVE; DISTRIBUTE; DOCUMENT; CREATION
; DOCUMENT; COMPANY; LEVEL; STORAGE; DOCUMENT; REDUCE; TRADITIONAL;
PRODUCE; CONSTRAIN

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

File Segment: EPI

26/5/24 (Item 16 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015535471 **Image available**

WPI Acc No: 2003-597621/200356

XRPX Acc No: N03-476320

**Collaborative file rights management method involves accessing
file using extracted digital rights management data appended to
file**

Patent Assignee: BATTERSBY P (BATT-I); HITCHEN S M (HITC-I)

Inventor: BATTERSBY P; HITCHEN S M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030105734	A1	20030605	US 2001992582	A	20011116	200356 B

Priority Applications (No Type Date): US 2001992582 A 20011116

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030105734	A1	11	G06F-007/00	

Abstract (Basic): US 20030105734 A1

NOVELTY - A file input/output (I/O) request to access a file is identified and compressed, to automatically extract **digital rights management** data appended to file. The file is provided to authoring application, and access to the file is managed, based on the extracted **management** data.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) machine readable storage medium storing **collaborative file rights management** program; and

(2) **collaborative file rights management** system.

USE - For managing **collaborative file rights**.

ADVANTAGE - The **digital rights management** data prohibits execution of the authoring application operations.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the **collaborative file rights management** system.

pp; 11 DwgNo 1/3

Title Terms: FILE; **MANAGEMENT**; METHOD; ACCESS; FILE; EXTRACT; DIGITAL;
MANAGEMENT; DATA; APPENDAGE; FILE

Derwent Class: T01

International Patent Class (Main): **G06F-007/00**

File Segment: EPI

26/5/39 (Item 31 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015122218 **Image available**

WPI Acc No: 2003-182741/200318

XRPX Acc No: N03-143772

**File access provision method for distributed file processing system,
involves updating differential file server local copy using difference
between latest version and cached version of file**

Patent Assignee: GODLIN B (GODL-I); HAGER Y (HAGE-I); LAN D (LAND-I)

Inventor: GODLIN B; HAGER Y; LAN D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020161860	A1	20021031	US 2001271943	P	20010228	200318 B
			US 2001999241	A	20011031	

Priority Applications (No Type Date): US 2001271943 P 20010228; US
2001999241 A 20011031

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020161860	A1		30	G06F-015/16	Provisional application US 2001271943

Abstract (Basic): US 20020161860 A1

NOVELTY - A differential file server local copy of a base version of the file is stored, when a differential file request for the file having a primary copy on a server **connected** the differential **file** server, is received. The differential file server local copy is updated using the difference between the latest version and the cached version of the file. The file transmission is performed only on necessity.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Method for utilizing files;
- (2) System for providing access to file;
- (3) Article of manufacture comprising recorded medium storing **access provision program**; and
- (4) System for servicing client originated file system request.

USE - For distributed file processing system comprising mainframe computers, mini computer, desktop computer, handheld computer, personal digital assistant, interactive television, telephone, and other mobile computers including those in homes, automobiles, appliances, toys, etc.

ADVANTAGE - An efficient distributed sharing of file storage resource is enabled in distributed computing system.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart illustrating the flow of client read access.

pp; 30 DwgNo 4b/9

Title Terms: FILE; ACCESS; PROVISION; METHOD; DISTRIBUTE; FILE; PROCESS; SYSTEM; UPDATE; DIFFERENTIAL; FILE; SERVE; LOCAL; COPY; DIFFER; LATE; VERSION; VERSION; FILE

Derwent Class: T01; W02

International Patent Class (Main): G06F-015/16

File Segment: EPI

26/5/40 (Item 32 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015030724 **Image available**

WPI Acc No: 2003-091241/200308

XRPX Acc No: N03-072186

**File transfer method in computer network, involves encrypting file with
public encryption key which is retrieved from client computer system,
when status of file attribute indicates that file is unencrypted**

Patent Assignee: ROLLINS D L (ROLL-I)

Inventor: ROLLINS D L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020141588	A1	20021003	US 2001818699	A	20010327	200308 B

Priority Applications (No Type Date): US 2001818699 A 20010327

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 20020141588 A1 12 H04L-009/00

Abstract (Basic): US 20020141588 A1

NOVELTY - The status of a file attribute is checked by a network server in response to reception of a data file request transferred from a client computer system. The data file is **automatically encrypted** with a public encryption key which is retrieved automatically from the client computer system, when the status of the file attribute indicates that the file is unencrypted.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Data file storage method;
- (2) Computer network; and
- (3) Computer readable storage medium storing instructions for retrieving data.

USE - For transferring files between network server and client devices such as personal computer and laptop computer used in domestic and business applications, through computer network (claimed).

ADVANTAGE - The data file is encrypted transparently using the public encryption key without user intervention by different elements of the network. The encryption of the data file provides data security to the computer users without requiring time consuming and expensive system administration, complex and expensive hardware.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram illustrating an encrypting data path passing from a host processor to data storage devices.

pp; 12 DwgNo 3/5

Title Terms: FILE; TRANSFER; METHOD; COMPUTER; NETWORK; FILE; PUBLIC; ENCRYPTION; KEY; RETRIEVAL; CLIENT; COMPUTER; SYSTEM; STATUS; FILE; ATTRIBUTE; INDICATE; FILE

Derwent Class: T01; W01

International Patent Class (Main): H04L-009/00

File Segment: EPI

26/5/41 (Item 33 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014997337 **Image available**

WPI Acc No: 2003-057852/200305

XRPX Acc No: N03-044872

Internet access governing method involves inheriting enterprise wide policy as array wide policy for each array policy object such that array wide policy is initially set to enterprise wide policy

Patent Assignee: FRIEDEL G (FRIE-I); KATZ A (KATZ-I); NATHAN A (NATH-I); SHAMIR Y (SHAM-I)

Inventor: FRIEDEL G; KATZ A; NATHAN A; SHAMIR Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020138631	A1	20020926	US 2001681106	A	20010109	200305 B

Priority Applications (No Type Date): US 2001681106 A 20010109

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 20020138631 A1 21 G06F-015/16

Abstract (Basic): US 20020138631 A1

NOVELTY - Enterprise and array policy objects are created for governing access of resources for several nodes within a network. The enterprise wide policy is inherited as the array wide policy for each of the array policy objects such that the array wide policy of each array wide object is initially set to the enterprise wide policy.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the

following:

(1) Computer readable recorded medium storing Internet **access** governing **program**; and

(2) Internet access governing system.

USE - For governing Internet access.

ADVANTAGE - By inheriting enterprise wide policy as array wide policy for each array policy **object**, **additional** restrictions for accessing Internet are added to individual array wide policies, hence provides fault tolerance and improves performance.

DESCRIPTION OF DRAWING(S) - The figure shows an explanatory diagram of an array only mode of a distributed policy model.

pp; 21 DwgNo 1/8

Title Terms: ACCESS; GOVERN; METHOD; WIDE; ARRAY; WIDE; ARRAY; OBJECT; ARRAY; WIDE; INITIAL; SET; WIDE

Derwent Class: T01; W01

International Patent Class (Main): G06F-015/16

File Segment: EPI

26/5/42 (Item 34 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014986083 **Image available**

WPI Acc No: 2003-046598/200304

XRPX Acc No: N03-036778

Database management system access apparatus e.g. information management system includes Spec beam representing connection and interaction type between program, connector, database and data stores, respectively

Patent Assignee: CHARLET K J (CHAR-I); FUNG H H L (FUNG-I); HILL J E

(HILL-I); HUGHES G D (HUGH-I); KUO S T (KUOS-I); LING W D (LING-I);

ROWE-ANDERSON M (ROWE-I); YUAN J C (YUAN-I); INT BUSINESS MACHINES CORP

(IBM)

Inventor: CHARLET K J; FUNG H H L; HILL J E; HUGHES G D; KUO S T; LING W D;

ROWE-ANDERSON M; YUAN J C

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020143721	A1	20021003	US 99435150	A	19991108	200304 B
US 6539383	B2	20030325	US 99435150	A	19991108	200325

Priority Applications (No Type Date): US 99435150 A 19991108

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20020143721	A1		10	G06F-007/00	
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US 6539383	B2			G06F-017/30	
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Abstract (Basic): US 20020143721 A1

NOVELTY - An open transaction manager access (OTMA) (118) provides an API, for application **program** to **access** a DBMS (104) and data stores (106). A **connector** (116) includes **objects** with Spec beam, that **connects** the program and the OTMA for transaction transmission from the program to the DBMS. The Spec beam represents the connection and type of interaction between program, connector, DBMS and data stores, respectively.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Database management system access method; and

(2) Article of manufacture comprising computer readable medium storing database management system **access program**.

USE - For accessing database management system, such as information management system.

ADVANTAGE - The interface is simple and easy to use, thereby the application program can submit a transaction or command to the DBMS and receive results from DBMS without the necessity of understanding the protocols of the OTMA.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the

database management system accessing apparatus.

DBMS (104)

Data stores (106)

Connector (114)

OTMA (118)

pp; 10 DwgNo 1/3

Title Terms: DATABASE; MANAGEMENT; SYSTEM; ACCESS; APPARATUS; INFORMATION;
MANAGEMENT; SYSTEM; BEAM; REPRESENT; CONNECT; INTERACT; TYPE; PROGRAM;
CONNECT; DATABASE; DATA; STORAGE; RESPECTIVE

Derwent Class: T01

International Patent Class (Main): G06F-007/00 ; G06F-017/30

File Segment: EPI

26/5/44 (Item 36 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014752299 **Image available**

WPI Acc No: 2002-573003/200261

XRPX Acc No: N02-453922

Software menu system used with computer to produce user profile report
using content menu, provides report on information in database through
management of information about tag associated with entry in list me

Patent Assignee: ZELLWEGER P (ZELL-I)

Inventor: ZELLWEGER P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6401096	B1	20020604	US 99277015	A	19990326	200261 B

Priority Applications (No Type Date): US 99277015 A 19990326

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6401096	B1	24		G06F-017/00	

Abstract (Basic): US 6401096 B1

NOVELTY - A graphical user interface for assigning a tag to a node in an open hierarchical data structure is displayed to identify a characteristic about an information key associated with the node. The tag added to a menu file, is retrieved from a computer memory if an end user selects an entry in a list menu and stored in a database such that a report on information in the database is produced through a tag data management .

DETAILED DESCRIPTION - The software menu system includes an open hierarchical data structure with number of nodes and paths for organizing the information and for providing a basis for content menu that enables the multi paths to link to the unit of information. A menu file is produced from the open hierarchical data structure such that the menu file cooperates with a software component that displays a list menu in the content menu corresponding to a sibling list in the open hierarchical data structure.

USE - Used with computer to produce user profile report using content menu.

ADVANTAGE - Enables refinement of content menu system to produce a comprehensive marketing research tool. Indicates procedure in assigning different types of tags to a menu object for recording selections in menu path. Enables storing tags with a format wherein information reporting over different periods of time can be facilitated.

DESCRIPTION OF DRAWING(S) - The figure shows the graphical user interface used in software menu system.

pp; 24 DwgNo 7/13

Title Terms: SOFTWARE; MENU; SYSTEM; COMPUTER; PRODUCE; USER; PROFILE;
REPORT; CONTENT; MENU; REPORT; INFORMATION; DATABASE; THROUGH;

MANAGEMENT ; INFORMATION; TAG; ASSOCIATE; ENTER; LIST

Derwent Class: P85; T01

International Patent Class (Main): G06F-017/00

International Patent Class (Additional): G09G-005/08
File Segment: EPI; EngPI

26/5/45 (Item 37 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014734804 **Image available**
WPI Acc No: 2002-555508/200259

Method and system for operating p2p service

Patent Assignee: PARK J S (PARK-I)
Inventor: PARK J S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002014631	A	20020225	KR 200048201	A	20000817	200259 B

Priority Applications (No Type Date): KR 200048201 A 20000817

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002014631	A	1	G06F-017/00	

Abstract (Basic): KR 2002014631 A

NOVELTY - A method and system for operating a P2P service is provided to prevent a user from illegally copying digital files by protecting the copy **right** of **digital** files, and by giving an opportunity for reducing a financial burden or making a profit to the user.

DETAILED DESCRIPTION - A user connects to a web site through the Internet network(300). The user inputs an ID and a password. A server checks whether the user is a member(301). In case that the user isn't a member, the user is registered as the member(302). Information inputted from the user is registered in a user management database(303). The user downloads a sharing program from the server(304). An identification number of the user is transmitted to a common gateway interface(305). It is judged whether the user registers a commercial file the user has or downloads a desired **file** through the **connection** to another user's computer(306). In case that the user determines to register the commercial file(307), a registration program checks whether information on the commercial file is registered in a file database(308). The commercial file is registered in the file database(309). In case of determining to download a file stored in another user's computer, the user searches the file using the sharing program(310). A searching program searches sharing directories of other users using the information inputted from the user(311). In case of finding information on the file, the searching program transmits the information to the sharing program through the Internet(312). The user connects to another user's sharing directory and downloads the file(313). The user stores the file in the server(314). The user pays the price for the file(315).

pp; 1 DwgNo 1/10

Title Terms: METHOD; SYSTEM; OPERATE; SERVICE
Derwent Class: T01
International Patent Class (Main): G06F-017/00
File Segment: EPI

26/5/46 (Item 38 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014593493 **Image available**
WPI Acc No: 2002-414197/200244
XRPX Acc No: N02-325622

Electronic data unauthorized access prevention system e.g. for music, has registration authority with verification data for verifying license data

which provides updated license data to smart card

Patent Assignee: EDELMAN M S (EDEL-I)

Inventor: EDELMAN M S

Number of Countries: 097 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020029347	A1	20020307	US 2000229934	P	20000901	200244 B
			US 2001792045	A	20010226	
WO 200219611	A1	20020307	WO 2001US26931	A	20010831	200244
AU 200186898	A	20020313	AU 200186898	A	20010831	200249
JP 2004507847	W	20040311	WO 2001US26931	A	20010831	200419
			JP 2002523785	A	20010831	

Priority Applications (No Type Date): US 2000229934 P 20000901; US 2001792045 A 20010226

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020029347	A1	25	G06F-012/14	Provisional application	US 2000229934

WO 200219611 A1 E H04L-009/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200186898 A H04L-009/00 Based on patent WO 200219611

JP 2004507847 W 102 G06F-012/14 Based on patent WO 200219611

Abstract (Basic): US 20020029347 A1

NOVELTY - A smart card (120) communicates with an electronic device e.g. personal **computer** (100) for storing license data which is used by electronic device to determine whether to **allow access** to electronic data. A registration authority (110) which has verification data for verifying license data, communicates with the electronic device and provides updated license data to the smart card.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Registration authority for preventing unauthorized access to electronic data on an electronic device;

(b) Smart card;

(c) **Computer** code;

(d) Electronic data **access program**

USE - For preventing unauthorized access to electronic data such as music, movies, e-books, database information or other forms of data that are **privileged**, copyrighted, from **electronic** devices such as personal **computer**, handheld computing devices, personal data assistants, cellular telephones, CD and DVD players of business, entertainment or educational use.

ADVANTAGE - The electronic device verifies the validity of the smart card by comparing the updated license data and verification data of registration authority, and hence tampering and unauthorized access of electronic data are prevented. The licensing medium is associated with a particular **user** rather than a particular electronic device, hence the **user** can access the licensed electronic data even using a home **computer** and a laptop.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of licensed electronic data protection system.

Personal **computer** (100)

Registration authority (110)

Smart card (120)

pp; 25 DwgNo 1/10

Title Terms: ELECTRONIC; DATA; UNAUTHORISED; ACCESS; PREVENT; SYSTEM; MUSIC; REGISTER; AUTHORISE; VERIFICATION; DATA; VERIFICATION; LICENCE; DATA; UPDATE; LICENCE; DATA; SMART; CARD

Derwent Class: T01; T04

International Patent Class (Main): G06F-012/14; H04L-009/00

International Patent Class (Additional): G06K-019/073; G06K-019/10;
H04L-009/32
File Segment: EPI

26/5/47 (Item 39 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014568056 **Image available**
WPI Acc No: 2002-388759/200242
XRPX Acc No: N02-304730

Medical data management method for clinical recording in medical institution e.g. hospital, involves decoding electronic data of predetermined format so that data file can be automatically deciphered

Patent Assignee: AMASAKI M (AMAS-I); NAKAJIMA Y (NAKA-I)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002083046	A	20020322	JP 2000272931	A	20000908	200242 B

Priority Applications (No Type Date): JP 2000272931 A 20000908

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002083046	A	21	G06F-017/60	

Abstract (Basic): JP 2002083046 A

NOVELTY - Encrypted electronic data of a predetermined format are decoded such that a data 'file' can be 'automatically deciphered' between a communication circuit (14) and the information processing terminal (18) of a medical institution. The decoded data are set to the information processing terminal so that the data can be browsed.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for medical data management device.

USE - For clinical recording in medical institution e.g. hospital.

ADVANTAGE - Increases data searching speed, and enhances security against loss of medical data.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of medical data management system.

Communication circuit (14)

Information processing terminal (18)

pp; 21 DwgNo 1/10

Title Terms: MEDICAL; DATA; MANAGEMENT; METHOD; CLINICAL; RECORD; MEDICAL; INSTITUTION; HOSPITAL; DECODE; ELECTRONIC; DATA; PREDETERMINED; FORMAT; SO; DATA; FILE; CAN; AUTOMATIC

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-012/00 ; G06F-012/14 ;

H04L-009/08; H04L-009/26

File Segment: EPI

26/5/49 (Item 41 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014435878 **Image available**
WPI Acc No: 2002-256581/200230
XRPX Acc No: N02-198574

Data processing device for JPEG data files, has prediction tap extracting circuit, class tap extractor, class sorting circuit, coefficient table storage unit and product sum operating circuit

Patent Assignee: SONY CORP (SONY); HAMAMATSU T (HAMA-I); KONDO T (KOND-I); KUNIHIRO T (KUNI-I); MORIFUJI T (MORI-I); NAKAYA H (NAKA-I); NISHIKATA T (NISH-I); OHTSUKA H (OHTS-I); UCHIDA M (UCHI-I)

Inventor: HAMAMATSU T; KONDO T; KUNIHIRO T; MORIFUJI T; NAKAYA H; NISHIKATA

26/5/51 (Item 43 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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014326405 **Image available**
WPI Acc No: 2002-147107/200219
Related WPI Acc No: 2001-145888; 2001-606763
XRPX Acc No: N02-111520

**Bridge/memory controller in computer system for input/output address
access management, generates interrupt, when input/output address
received from processor is protected**

Patent Assignee: MARTWICK A (MART-I); INTEL CORP (ITLC)

Inventor: MARTWICK A

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020002641	A1	20020103	US 9849829	A	19980327	200219 B
			US 2000495282	A	20000131	
US 6370598	B2	20020409	US 9849829	A	19980327	200227
			US 2000495282	A	20000131	

Priority Applications (No Type Date): US 9849829 A 19980327; US 2000495282
A 20000131

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020002641	A1		12	G06F-003/00	Div ex application US 9849829
					Div ex patent US 6145030
US 6370598	B2			G06F-013/24	Div ex application US 9849829
					Div ex patent US 6145030

Abstract (Basic): US 20020002641 A1

NOVELTY - The bridge/memory controller includes an interrupt generator and an interrupt **recorder** which are **connected** to an input/output (I/O) address verification unit. The address verification unit determines whether I/O address received from a processor is protected. When the I/O address is protected, the interrupt generator generates an interrupt and the interrupt recorder records a cause of the interrupt.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Computer system;
- (b) I/O address access management method;
- (c) Interrupt handling method;
- (d) Computer readable medium storing I/O address **access**

management **program**

USE - Bridge/memory controller in computer system for managing I/O address access.

ADVANTAGE - Allows computer system to run any version of basic I/O system (BIOS) without danger of mismatching an I/O address with an I/O function. Prevents processor from accessing an I/O function that does not exist at the I/O address indicated by the BIOS by providing interrupt and hence eliminates error conditions.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining interrupt handling process.

pp; 12 DwgNo 5/5

Title Terms: BRIDGE; MEMORY; CONTROL; COMPUTER; SYSTEM; INPUT; OUTPUT;
ADDRESS; ACCESS; MANAGEMENT; GENERATE; INTERRUPT; INPUT; OUTPUT; ADDRESS;
RECEIVE; PROCESSOR; PROTECT

Derwent Class: T01

International Patent Class (Main): G06F-003/00; G06F-013/24

International Patent Class (Additional): G06F-003/02; G06F-003/23;

G06F-005/00; G06F-009/48; G06F-013/12; G06F-013/14; G06F-013/28

File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

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014292379 **Image available**

WPI Acc No: 2002-113081/200215

Related WPI Acc No: 2002-065742; 2003-842405; 2003-852633; 2003-852635;

2003-864428; 2003-899909; 2004-032261; 2004-155606

XRPX Acc No: N02-084181

Digital rights management of contents downloaded to computer,
involves protecting rights managed data from access by untrusted
program, while executing the trusted application

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: DETREVILLE J D; ENGLAND P; LAMPSON B W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6330670	B1	20011211	US 98105891	P	19981026	200215 B
			US 99227561	A	19990108	

Priority Applications (No Type Date): US 98105891 P 19981026; US 99227561 A 19990108

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6330670	B1	24	G06F-009/44	Provisional application	US 98105891

Abstract (Basic): US 6330670 B1

NOVELTY - A trusted identity is assumed, for executing a trusted application. The rights managed data is loaded into a memory for access by the trusted application. The rights managed data is protected from access by an untrusted program while executing the trusted application.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Computer system;

(b) Recorded medium storing program for digital rights management operating system

USE - For protecting rights managed data such as downloaded content from access by untrusted program in computer system, hand-held devices, multiprocessor system, multiprocessor based or programmable consumer electronics, network PCs, minicomputers, main frame computer.

ADVANTAGE - Protects content downloaded to general-purpose personal computer within the frame work of standard operating system and without the need for additional and specialized hardware.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart of a method to be performed by a client when booting or loading system components.

pp; 24 DwgNo 3/11

Title Terms: DIGITAL; MANAGEMENT; CONTENT; COMPUTER; PROTECT; DATA; ACCESS; PROGRAM; EXECUTE; APPLY

Derwent Class: T01

International Patent Class (Main): G06F-009/44

File Segment: EPI

26/5/53 (Item 45 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014285054 **Image available**

WPI Acc No: 2002-105755/200214

XRPX Acc No: N02-078686

Method for controllably retrieving information from world wide web for e-commerce applications, involves matching composite user profile with portal to retrieve multiple records of information from matched portal

Patent Assignee: OLSON S R (OLSO-I)

Inventor: OLSON S R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010054054	A1	20011220	US 2000192188	P	20000327	200214 B
			US 2001768056	A	20010124	

Priority Applications (No Type Date): US 2000192188 P 20000327; US 2001768056 A 20010124

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010054054	A1		9	G06F-007/00	Provisional application US 2000192188

Abstract (Basic): US 20010054054 A1

NOVELTY - A user is prompted to respond to one of the profile queries based on which a composite user profile is generated. A portal having multiple records of information from a central repository, is generated and matched with the generated composite user **profile**. The **records** of information are **controllably** retrieved from the matched portal in response to the entered search instruction.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for information retrieving apparatus.

USE - For **controllably** retrieving information from the world wide web (WWW) in **cooperation** with user's composite profile for e-commerce applications such as on-line shopping using personal computers, personal digital assistants, network computers and integral processing units.

ADVANTAGE - Since the search engine and profile based content filter can intelligently match specific Internet sites that are genuinely applicable to the users profile efficiently, undesired or irrelevant Internet sites can be avoided and thereby enhancing the on-line experience. Enables providing useful and meaningful information to the user without spending lot of time by viewing non-compatible information.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic diagram of the profile based search engine user.

pp; 9 DwgNo 3/3

Title Terms: METHOD; **CONTROL**; RETRIEVAL; INFORMATION; WORLD; WIDE; WEB; APPLY; MATCH; COMPOSITE; USER; PROFILE; PORTAL; RETRIEVAL; MULTIPLE; RECORD; INFORMATION; MATCH; PORTAL

Derwent Class: T01

International Patent Class (Main): **G06F-007/00**

File Segment: EPI

26/5/54 (Item 46 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014207513 **Image available**

WPI Acc No: 2002-028210/200204

XRPX Acc No: N02-021823

Document access control method for computer system, involves determining validity of linked document before user navigation and accordingly navigation to linked document is prohibited

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: BATES C L; DAY P R; SANTOSUOSSO J M

Number of Countries: 028 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1158385	A2	20011128	EP 2001175	A	20010522	200204 B
JP 2002041350	A	20020208	JP 2001151963	A	20010522	200215
KR 2001107572	A	20011207	KR 200126220	A	20010514	200236

Priority Applications (No Type Date): US 2000577644 A 20000524

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1158385	A2	E	14	G06F-001/00	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

JP 2002041350 A 16 G06F-012/00
KR 2001107572 A G06F-017/00

Abstract (Basic): EP 1158385 A2

NOVELTY - A primary document including a link to access a secondary document is rendered for a display. The validity of the linked document is determined before navigation through the link in the primary document. User navigation to the invalid document is prohibited, when the validity is not judged.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Access controller for computer system;

(b) Computer program product for storing **access control program**

USE - For controlling access to linked or third-party **documents** in computer system **connected** to LAN, WAN.

ADVANTAGE - Embarrassment, confusion or legal liability are avoided by effective access prohibition of linked documents.

DESCRIPTION OF DRAWING(S) - The figure shows flowchart illustrating document access control method.

pp; 14 DwgNo 3/9

Title Terms: DOCUMENT; ACCESS; CONTROL; METHOD; COMPUTER; SYSTEM; DETERMINE ; VALID; LINK; DOCUMENT; USER; NAVIGATION; ACCORD; NAVIGATION; LINK; DOCUMENT; PROHIBIT

Derwent Class: T01

International Patent Class (Main): G06F-001/00 ; G06F-012/00 ;

G06F-017/00

International Patent Class (Additional): G06F-013/00 ; G06F-017/30

File Segment: EPI

26/5/55 (Item 47 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014141069 **Image available**

WPI Acc No: 2001-625280/200172

XRPX Acc No: N01-466039

Distributing digital information e.g. for the Internet, where in response to the retailer's request the information owner sends a compressed, encrypted, watermarked copy of the requested product directly to the consumer

Patent Assignee: DVD EXPRESS INC (DVDE-N).

Inventor: DUBELKO M

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200143337	A1	20010614	WO 2000US42091	A	20001110	200172 B
AU 200145057	A	20010618	AU 200145057	A	20001110	200172

Priority Applications (No Type Date): US 99459276 A 19991210

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200143337 A1 E 15 H04L-009/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200145057 A H04L-009/00 Based on patent WO 200143337

Abstract (Basic): WO 200143337 A1

NOVELTY - Method of distributing digital files comprises: maintaining a library of digital files in a data centre; sending a consumer order for a desired digital file from a consumer to a retailer; sending a decryption key from the retailer to the consumer; sending a retailer request for the desired digital file from the

retailer to the data centre; and sending an encrypted copy of the desired digital file from the data centre to the consumer, the decryption key being required to decrypt the encrypted copy.

USE - For the Internet.

ADVANTAGE - Protects the respective business interests of both retailers and owners of the digital information. When the retailer sends a request for a product to the information owner, the retailer also sends the appropriate decryption key to the consumer. In response to the retailer's request, the information owner sends a compressed, encrypted, watermarked copy of the requested product directly to the consumer. The downloaded file is automatically decrypted using the decryption key that the consumer received from the retailer.

DESCRIPTION OF DRAWING(S) - The diagram shows the distributed system

data centre (10)

retailer (20)

consumer (30)

pp; 15 DwgNo 1/2

Title Terms: DISTRIBUTE; DIGITAL; INFORMATION; RESPOND; RETAIL; REQUEST; INFORMATION; OWNER; SEND; COMPRESS; ENCRYPTION; WATERMARK; COPY; REQUEST; PRODUCT; CONSUME

Derwent Class: T01

International Patent Class (Main): H04L-009/00

International Patent Class (Additional): G06F-017/60 ; H04L-009/30

File Segment: EPI

26/5/56 (Item 48 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014077599 **Image available**

WPI Acc No: 2001-561813/200163

XRPX Acc No: N01-417922

Digital contents perusal device for recording medium e.g. compact disk-read only memory, searches contents data from decoded file based on search conditions and peruses search result to prevent data duplication

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001216197	A	20010810	JP 200023691	A	20000201	200163 B

Priority Applications (No Type Date): JP 200023691 A 20000201

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001216197	A	7	G06F-012/14	

Abstract (Basic): JP 2001216197 A

NOVELTY - An automatic encryptor (10) decodes the read file, if encryption function is set. A controller (11) controls the set and reset of the encryptor corresponding to search start and completion of contents data. A perusal unit (12) searches data from decoded file based on input search conditions and peruses search result to prevent data duplication.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for recording medium with digital contents perusal program and contents data.

USE - Digital contents perusal device for recording medium (claimed) e.g. CD-ROM.

ADVANTAGE - Secondary utilization due to duplication of contents data is prevented.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of digital contents perusal device. (Drawing includes non-English language text).

Automatic encryptor (10)

Controller (11)

Perusal unit (12)
pp; 7 DwgNo 1/5
Title Terms: DIGITAL; CONTENT; DEVICE; RECORD; MEDIUM; COMPACT; DISC; READ;
MEMORY; SEARCH; CONTENT; DATA; DECODE; FILE; BASED; SEARCH; CONDITION;
SEARCH; RESULT; PREVENT; DATA; DUPLICATE
Derwent Class: P85; T01
International Patent Class (Main): G06F-012/14
International Patent Class (Additional): G06F-017/30 ; G09C-001/00
File Segment: EPI; EngPI

26/5/57 (Item 49 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013896823 **Image available**
WPI Acc No: 2001-381036/200140
XRPX Acc No: N01-279395

File access apparatus for accessing semiconductor memory cards, has recording unit which records volume management information and user data in different areas of memory and manages them as clusters
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU); MATSUSHITA DENKI SANGYO KK (MATU); HIROTA T (HIRO-I); MAEDA T (MAED-I)

Inventor: HIROTA T; MAEDA T
Number of Countries: 018 Number of Patents: 010
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200129670	A2	20010426	WO 2000JP7267	A	20001019	200140 B
JP 2001188701	A	20010710	JP 2000321738	A	20001020	200144
EP 1145126	A2	20011017	EP 2000969887	A	20001019	200169
			WO 2000JP7267	A	20001019	
BR 200007239	A	20011030	BR 20007239	A	20001019	200173
			WO 2000JP7267	A	20001019	
CN 1341237	A	20020320	CN 2000804072	A	20001019	200246
US 6611907	B1	20030826	US 2000691269	A	20001019	200357
US 20030196027	A1	20031016	US 2000691269	A	20001019	200369
			US 2003445185	A	20030527	
US 20030196028	A1	20031016	US 2000691269	A	20001019	200369
			US 2003445196	A	20030527	
US 20030196064	A1	20031016	US 2000691269	A	20001019	200369
			US 2003445183	A	20030527	
US 20030200411	A1	20031023	US 2000691269	A	20001019	200370
			US 2003444966	A	20030527	

Priority Applications (No Type Date): JP 99299636 A 19991021

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200129670	A2	E 136	G06F-012/00	
			Designated States (National): BR CA CN IN RU SG	
			Designated States (Regional): DE FR GB IT	
JP 2001188701	A	42	G06F-012/00	
EP 1145126	A2	E	G06F-012/00	Based on patent WO 200129670
			Designated States (Regional): AL DE FR GB IT LT LV MK RO SI	
BR 200007239	A		G06F-012/00	Based on patent WO 200129670
CN 1341237	A		G06F-003/06	
US 6611907	B1		G06F-012/00	
US 20030196027	A1		G06F-012/00	Div ex application US 2000691269
				Div ex patent US 6611907
US 20030196028	A1		G06F-012/00	Div ex application US 2000691269
				Div ex patent US 6611907
US 20030196064	A1		G06F-012/00	Div ex application US 2000691269
				Div ex patent US 6611907
US 20030200411	A1		G06F-012/00	Div ex application US 2000691269
				Div ex patent US 6611907

Abstract (Basic): WO 200129670 A2
NOVELTY - Size of volume management information is computed based

on number of clusters present in memory area to be managed. Reserving unit reserves a primary area for recording volume management information and secondary area for recording user data. Recording unit records volume management information in primary area and user data in secondary area and manages volume management information and user data as clusters.

DETAILED DESCRIPTION - Volume management information includes a file allocation table which indicates links between clusters corresponding to each file. The area for recording volume management information has larger data size than the calculated volume management information. In addition to file allocation unit, volume management information includes master boot record, partition table, partition boot sector information and root entry directory. INDEPENDENT CLAIMS are also included for the following.

- (a) Recording medium with program for file access ;
- (b) Computer initialization method;
- (c) Semiconductor memory card

USE - For accessing semiconductor memory cards.

ADVANTAGE - Reservation of area for recording volume management information avoids possibility of any cluster being stored straddling two erasable blocks and enables cluster boundaries to be aligned with erasable block boundaries. Number of times, an erasable block is erased is reduced and data is written in shorter time, increasing the life span of non-volatile memory.

DESCRIPTION OF DRAWING(S) - The figure shows the partition control area, system area and the clusters size calculated according to predetermined equations.

pp; 136 DwgNo 12/34

Title Terms: FILE; ACCESS; APPARATUS; ACCESS; SEMICONDUCTOR; MEMORY; CARD; RECORD; UNIT; RECORD; VOLUME; MANAGEMENT; INFORMATION; USER; DATA; AREA; MEMORY; MANAGE; CLUSTER

Derwent Class: T01; U14

International Patent Class (Main): G06F-003/06; G06F-012/00

International Patent Class (Additional): G06F-012/14

File Segment: EPI

26/5/58 (Item 50 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013638450 **Image available**

WPI Acc No: 2001-122658/200113

Related WPI Acc No: 2001-146641

XRPX Acc No: N01-090103

Computer implemented virtual signing room to provide access to documents, permits access to document responsive to party-to-document mapping module indicating that user has access rights to document

Patent Assignee: ILUMIN CORP (ILUM-N)

Inventor: BROWN B E; ISRAELSEN D B

Number of Countries: 087 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200062220	A1	20001019	WO 2000US10066	A	20000413	200113 B
AU 200044606	A	20001114	AU 200044606	A	20000413	200113
EP 1177517	A1	20020206	EP 2000926001	A	20000413	200218
			WO 2000US10066	A	20000413	
US 6671805	B1	20031230	US 99335443	A	19990617	200402

Priority Applications (No Type Date): US 2000546805 A 20000411; US 99129011 P 19990413; US 99129283 P 19990413; US 99335443 A 19990617

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200062220 A1 E 124 G06F-017/60

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
AU 200044606 A Based on patent WO 200062220
EP 1177517 A1 E G06F-017/60 Based on patent WO 200062220
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI
US 6671805 B1 H04L-009/00

Abstract (Basic): WO 200062220, A1

NOVELTY - The virtual signing room has document **management** module for managing one or more documents (102). A party-to-document mapping module specifies access **rights** to the **document**. A document **management** module permits access to one document (102) responsive to the party-to-document mapping module indicating that the user has access **rights** to the **document**.

DETAILED DESCRIPTION - A deal **management** module is coupled to the document **management** module for maintaining a deal completion list containing document related task items. An audit module tracks revisions to the documents. A notification module automatically notifies one or more users of the revision by displaying a dialog box responsive to the user accessing the signing room. The mapping module includes a role identifier (104) for defining a signing role for each of the user and a map, for associating each signing role with the documents. The role identifier has authenticator (110) to authenticate the identity of the user and for verifying the authority of the user to sign the document. The deal **management** module includes a next step module for monitoring a current status and next step specified by deal completion list and updates the deal completion list. INDEPENDENT

CLAIMS are also included for the following:

- (a) computer implemented **collaborative** document editing system;
- (b) computer implemented **collaborative** document editing method;
- (c) computer program product

USE - Used in an internet facility for **collaborative** creation, editing, reviewing and signing electronic documents for providing access to documents by several user from different locations.

ADVANTAGE - Provides quick and easy access to all documents to be reviewed and signed by each party. Provides a complete audit trail for all activity occurring in the virtual signing room. Ensures that documents are signed in the proper order.

DESCRIPTION OF DRAWING(S) - The figure shows the physical block diagram of the system for digitally signing an electronic document.

Documents (102)

Authenticator (110)

pp; 124 DwgNo 2/21

Title Terms: COMPUTER; IMPLEMENT; VIRTUAL; SIGN; ROOM; ACCESS; DOCUMENT;
PERMIT; ACCESS; DOCUMENT; RESPOND; PARTY; DOCUMENT; MAP; MODULE; INDICATE
; USER; ACCESS; DOCUMENT

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60 ; H04L-009/00

International Patent Class (Additional): G06F-001/00

File Segment: EPI

26/5/60 (Item 52 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013526186 **Image available**
WPI Acc No: 2001-010392/200102
XRPX Acc No: N01-007923

Connecting method for TCP/IP network for providing access to common
dial-up user by driving remote computer or facilities to link to network
from a remote computer

Patent Assignee: TIEN C (TIEN-I)

Inventor: TIEN C

Number of Countries: 002 Number of Patents: 003

Public key (551)
pp; 69 DwgNo 6/10
Title Terms: TIME; STAMP; DOCUMENT; AUTOMATIC; REVIEW; DOCUMENT; LOG;
ACTIVE; REVIEW
Derwent Class: P85; T01; W01
International Patent Class (Main): G06F-001/00 ; G06F-017/60 ;
H04L-009/00; H04L-009/32
International Patent Class (Additional): G09C-001/00
File Segment: EPI; EngPI

26/5/63 (Item 55 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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012832362 **Image available**
WPI Acc No: 2000-004194/200001
XRPX Acc No: N00-003640

Document processing apparatus - adds access program information to document data corresponding to reduction image data, produced if document data of different format are appended, after which document data are sent to other apparatuses

Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11282776	A	19991015	JP 9882048	A	19980327	200001 B

Priority Applications (No Type Date): JP 9882048 A 19980327

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 11282776 A 11 G06F-013/00

Abstract (Basic): JP 11282776 A

NOVELTY - A data production unit forms the reduction image data corresponding to the document data when the document data of different format are appended. An access program information showing an access program for document data processing, is added to the document. The document data with the access program information is sent out to other document processing apparatus via a network cable (111). DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: a document processing control procedure; a document processing system; and a memory which can be read in a computer.

USE - None given.

ADVANTAGE - Simplifies transmission and receiving of document data of predetermined formats between document processing apparatuses connected in a network. DESCRIPTION OF DRAWING(S) - The figure shows the component block diagram of a document processing apparatus. (111) Network cable.

Dwg.1/5

Title Terms: DOCUMENT; PROCESS; APPARATUS; ADD; ACCESS; PROGRAM; INFORMATION; DOCUMENT; DATA; CORRESPOND; REDUCE; IMAGE; DATA; PRODUCE; DOCUMENT; DATA; FORMAT; APPENDAGE; AFTER; DOCUMENT; DATA; SEND
Derwent Class: T01; W01
International Patent Class (Main): G06F-013/00
International Patent Class (Additional): G06F-017/21 ; H04L-012/54;
H04L-012/58
File Segment: EPI

26/5/64 (Item 56 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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012832359 **Image available**
WPI Acc No: 2000-004191/200001
XRPX Acc No: N00-003637

Document processor - has network interface card that performs transmission of document data to other document processors through network cable

Patent Assignee: CANON KK (CANO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11282773	A	19991015	JP 9882049	A	19980327	200001 B

Priority Applications (No Type, Date): JP 9882049 A 19980327

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11282773	A	12	G06F-013/00	

Abstract (Basic): JP 11282773 A

NOVELTY - A network interface card (110) performs the transmission of the document data to other document processors through a network cable (111). An adding unit adds access program information to the image data produced by a producing unit. The central processing unit (102) generates the image data corresponding to the folder data, when the folder data is appended. DETAILED DESCRIPTION - The access program information shows the access program which processes the folder data to document data. INDEPENDENT CLAIMS are also included for the following: a document processor control procedure; a document processing system; a document processing system control procedure; and a computer readable memory.

USE - None given.

ADVANTAGE - Performs successful high nature communication since folder data are appended in document data. Enables input of data. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the document processor. (102) Central processing unit; (110) Network interface card; (111) Network cable.

Dwg.1/8

Title Terms: DOCUMENT; PROCESSOR; NETWORK; INTERFACE; CARD; PERFORMANCE; TRANSMISSION; DOCUMENT; DATA; DOCUMENT; PROCESSOR; THROUGH; NETWORK; CABLE

Derwent Class: T01; W01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): G06F-017/21 ; H04L-012/54; H04L-012/58

File Segment: EPI

26/5/65 (Item 57 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012203932 **Image available**

WPI Acc No: 1999-010038/199901

XRPX Acc No: N99-007319

~~Pre-recorded distribution media with intelligent interface - uses interface that includes device for at least one of interaction with program, updating activity, listening habits of user and/or send data to host computer~~

Patent Assignee: PALANTIR SOFTWARE INC (PALA-N); MICROMIND INC (MICR-N)

Inventor: BLISS S; SNYDER J G; STEELE D W; BROOKS P P

Number of Countries: 023 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9852189	A2	19981119	WO 98US10035	A	19980515	199901 B
AU 9875749	A	19981208	AU 9875749	A	19980515	199916
US 6070171	A	20000530	US 9746511	A	19970515	200033
			US 9879381	A	19980515	
EP 1032934	A2	20000906	EP 98923457	A	19980515	200044
			WO 98US10035	A	19980515	

Priority Applications (No Type Date): US 9769318 P 19971206; US 9746511 P

G06F-017/60 ; G09C-001/00
File Segment: EPI; EngPI

26/5/67 (Item 59 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011375092 **Image available**
WPI Acc No: 1997-352999/199733
XRPX Acc No: N97-292461

Operation right interlinking for application programs shared by terminals for cooperative work - controls transmission of operation right of second shared application program so that operation rights of first application program and second application program are interlinked to each other

Patent Assignee: NEC CORP (NIDE); NIPPON ELECTRIC CO (NIDE)
Inventor: FUKUOKA H; MIZUNO H
Number of Countries: 011 Number of Patents: 012

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 784271	A2	19970716	EP 97100356	A	19970110	199733 B
AU 9710109	A	19970717	AU 9710109	A	19970110	199739
JP 9190411	A	19970722	JP 9621831	A	19960112	199739
CA 2194520	A	19970713	CA 2194520	A	19970107	199748
KR 97059954	A	19970812	KR 97620	A	19970113	199838
US 5948056	A	19990907	US 97782100	A	19970113	199943
AU 710044	B	19990909	AU 9710109	A	19970110	199949
KR 225188	B1	19991015	KR 97620	A	19970113	200110
EP 784271	B1	20011212	EP 97100356	A	19970110	200204
DE 69708937	E	20020124	DE 608937	A	19970110	200215
			EP 97100356	A	19970110	
CA 2194520	C	20020820	CA 2194520	A	19970107	200263
US 6473785	B1	20021029	US 97782100	A	19970113	200274
			US 99283762	A	19990402	

Priority Applications (No Type Date): JP 9621831 A 19960112

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 784271	A2	E 26	G06F-009/46	
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Designated States (Regional): DE FR GB IT NL SE

AU 9710109	A		G06F-015/177	
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JP 9190411	A	14	G06F-015/00	
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CA 2194520	A		G06F-009/46	
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KR 97059954	A		G06F-015/16	
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US 5948056	A		G06F-015/16	
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AU 710044	B		G06F-015/177	Previous Publ. patent AU 9710109
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KR 225188	B1		G06F-015/16	
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EP 784271	B1	E	G06F-009/46	
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Designated States (Regional): DE FR GB IT NL SE

DE 69708937	E		G06F-009/46	Based on patent EP 784271
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CA 2194520	C	E	G06F-009/46	
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US 6473785	B1		G06F-015/16	Cont of application US 97782100
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Cont of patent US 5948056

Abstract (Basic): EP 784271 A

Each of several shared application programs (11, 21 to n1 and 12, 22 to n2) are allowed to have an operation right. Operation right transmission information of a first shared application program is reported to a second program. This **controls** transmission of the operation right of the second shared application program so that the operation rights of the first application program and the second application program are interlinked to each other.

This allows the second program to optionally determine whether or not the operation right of the second program should be transmitted in accordance with the operation **right** transmission information **reported** from the first program which causes interlinking of the

operation right.

USE/ADVANTAGE - Transmission **control** of operation rights of shared application programs when several terminals sharing application program perform co-operative work. Work is performed efficiently without any inconsistency.

Dwg.1/17

Title Terms: OPERATE; RIGHT; INTERLINKED; APPLY; PROGRAM; SHARE; TERMINAL;
COOPERATE ; WORK; **CONTROL** ; TRANSMISSION; OPERATE; RIGHT; SECOND; SHARE;
APPLY; PROGRAM; SO; OPERATE; FIRST; APPLY; PROGRAM; SECOND; APPLY;
PROGRAM; INTERLINKED

Derwent Class: T01

International Patent Class (Main): G06F-009/46 ; G06F-015/00 ;
G06F-015/16 ; G06F-015/177

International Patent Class (Additional): G06F-013/00 ; G06F-017/60 ;
H04L-009/32

File Segment: EPI

26/5/68 (Item 60 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011292129 **Image available**

WPI Acc No: 1997-270034/199724

XRPX Acc No: N97-223910

Image motion detection method for e.g. video camera - by using differential quantity of predetermined DC components of first and second encoded data, that are compared for every block

Patent Assignee: AIWA KK (AIWA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9098422	A	19970408	JP 95254230	A	19950929	199724 B

Priority Applications (No Type Date): JP 95254230 A 19950929

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9098422	A	6	H04N-007/30	

Abstract (Basic): JP 9098422 A

The method involves distributing image data to several blocks based on an image within an initial period. A discrete cosine transform unit performs an orthogonal transformation of the distributed image data that is encoded for every block to obtain first encoded data. The image data is again distributed to several blocks based on the image within a second period that is slower than the initial period.

The DCT unit performs another orthogonal transformation of the distributed image data that is encoded for every block to obtain second encoded data. The predetermined DC components of both encoded data are compared for every block. An image motion is detected based on the differential quantity of the predetermined DC components of both encoded data.

ADVANTAGE - Simplifies data calculation for motion detection by using only data of DC component of encoded data for every block, thus enabling prompt detection of **image**. **Automatically** transmits **encoded** data based on **image** signal during motion detection, to predetermined transmission area, thus safely and easily checks situation from distant area.

Dwg.1/4

Title Terms: IMAGE; MOTION; DETECT; METHOD; VIDEO; CAMERA; DIFFERENTIAL;
QUANTITY; PREDETERMINED; DC; COMPONENT; FIRST; SECOND; ENCODE; DATA;
COMPARE; BLOCK

Derwent Class: T01; U21; W01; W02; W04

International Patent Class (Main): H04N-007/30

International Patent Class (Additional): G06F-017/14 ; G06T-007/00;
H03M-007/36; H04M-011/00

File Segment: EPI

26/5/69 (Item 61 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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010971779 **Image available**
WPI Acc No: 1996-468728/199647

Data file management system with hashing function - obtains address of second area which stores data record in data storing cluster using hashing key

Patent Assignee: HITACHI LTD (HITA)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8235040	A	19960913	JP 9537949	A	19950227	199647 B

Priority Applications (No Type Date): JP 9537949 A 19950227

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8235040	A	11	G06F-012/00	

Abstract (Basic): JP 8235040 A

The system has a memory with an index area (107) and a data area (108). An index key (114) and a data record are stored in the index area and data area respectively. In response to a data access demand from an application program (103), the index area is searched based on the index key. Consequently the address of the first area in the data area is obtained.

A data access program (105) uses the index key first and searches the index area to obtain a data storing cluster (111) in the data area. The data access program specifies a second area which stores the required data record in the data storing cluster using a hashing key (115).

ADVANTAGE - Enables addition of number of data records to data file by number of users at random. Enables addition processing of data such as reference processing, updating etc. Restrains generation of deadlock.

Dwg.1/7

Title Terms: DATA; FILE; MANAGEMENT; SYSTEM; HASH; FUNCTION; OBTAIN;
ADDRESS; SECOND; AREA; STORAGE; DATA; RECORD; DATA; STORAGE; CLUSTER;
HASH; KEY

Derwent Class: T01

International Patent Class (Main): G06F-012/00

International Patent Class (Additional): G06F-017/30

File Segment: EPI

26/5/72 (Item 64 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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008463381 **Image available**
WPI Acc No: 1990-350381/199047
XRPX Acc No: N90-267641

System for controlling access privileges - providing execute semantics which apply to execution of methods in object oriented database

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: FABBIO R A

Number of Countries: 004 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 398645	A	19901122	EP 90305218	A	19900515	199047 B
EP 398645	A3	19921223	EP 90305218	A	19900515	199344
US 5335346	A	19940802	US 89352081	A	19890515	199430
			US 91808060	A	19911212	
EP 398645	B1	19970806	EP 90305218	A	19900515	199736

DE 69031191 E 19970911 DE 631191 A 19900515 199742
EP 90305218 A 19900515

Priority Applications (No Type Date): US 89352081 A 19890515; US 91808060 A 19911212

Cited Patents: NoSR.Pub; 1.Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main	IPC	Filing	Notes
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EP 398645	A						
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Designated States (Regional): DE FR GB

US 5335346	A		38	G06F-012/14		Cont of application US 89352081
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EP 398645	B1 E	15	G06F-017/30			
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Designated States (Regional): DE FR GB

DE 69031191	E			G06F-017/30		Based on patent EP 398645
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Abstract (Basic): EP 398645 A

In the described system at least one **access** control **policy** is assigned across a number of objects in an object oriented database. A number of operations are controlled to at least one of the objects based on the assignment and at least one credential of a user requesting access to the data represented by at least one of the objects. \$ An access control list authorises the invocation of an operation on an object for changing the state of the **object** in **addition** to the permissions of read and write access. (15pp Dwg.No.1/5)

Title Terms: SYSTEM; CONTROL; ACCESS; EXECUTE; APPLY; EXECUTE; METHOD;

OBJECT; ORIENT; DATABASE

Derwent Class: T01

International Patent Class (Main): G06F-012/14 ; G06F-017/30

International Patent Class (Additional): G06F-001/00 ; G06F-015/40

File Segment: EPI

Sat	Items	Description
S1	2492	COLLABORATIVE OR COOPERATIVE OR SYNERGETIC OR SYNERGI? OR - COOPERAT? OR COWORKING OR CO()WORKING
S2	284	(FILE OR FILES OR DOCUMENT? OR RECORD? OR REPORT? OR MANUSCRIPT? OR CITATION? OR TEXT OR IMAGE? OR OBJECT?) (2N) (RIGHT? OR PRIVILEGE OR PROFILE?)
S3	52246	MANAGEMENT OR ADMINISTRATION OR OVERSIGHT OR CONTROL? OR SUPERVIS?
S4	266	(ACCESS OR ADMISSION OR ADMITTANCE OR ENTRY OR ENTREE OR INGRESS) (2N) (POLICY OR (PLAN OR COURSES) ()ACTION OR PROCEDURE - OR PROGRAM)
S5	414	(DIGITAL? OR ONLINE OR ELECTRONIC) (2N) (RIGHT? OR PRIVILEGE? OR PROFILE?)
S6	2533	(APPEND? OR (ADD OR TACK) ()ON OR ADDITION? OR JOIN? OR UNITE OR AFFIX? OR ATTACH? OR CONNECT? OR ANNEX? OR SUPPLEMENT) (-5N) (FILE OR FILES OR DOCUMENT? OR RECORD? OR REPORT? OR MANUSCRIPT? OR CITATION? OR TEXT OR IMAGE? OR OBJECT?)
S7	280	(INPUT? OR OUTPUT? OR (IN OR OUT) ()PUT? OR RECEIV? OR TRANSFER? OR DELIVER? OR RETRIEVE? OR DOWNLOAD OR UPLOAD? OR (DOWN OR UP) ()LOAD? OR TRANSMIT? OR I()O) (2N) (REQUEST? OR QUESTION? OR INQUIR? OR DEMAND? OR SOLICIT?)
S8	2008	INTERCEPT? OR INTERRUPT? OR STOP? OR DEFLECT? OR (CUT OR HEAD) ()OFF
S9	65003	USER OR CLIENT? OR COMPUTER? OR PC OR STAND()ALONE? OR STANDALONE? OR WORKSTATION? OR WORK()STATION? OR NODE?
S10	1517	(GRANT? OR ALLOW? OR PERMIT?) (2N) (ACCESS OR ADMISSION OR ADMIITTANCE OR ENTRY OR ENTRIE OR INGRESS)
S11	4231	ENCRYPT? OR DECOD? OR UNENCOD? OR DECRYPT? OR UNENCRYPT? OR UNCRYPT? OR CIPHER? OR CYPHER? OR ENCOD? OR ENCIPHER? OR ENCYPER? OR UNCOD? OR DECIPHER? OR DECYPHER? OR UNCIPHER? OR - UNCPYPER? OR CRYPTO? OR ENCRYPT? OR PKI
S12	1	S1 (3N) S2 (3N) S3
S13	5	S1 AND S2 AND S3
S14	0	S4 AND S5 AND S6
S15	0	S4 AND S5
S16	7	S4 AND S6
S17	12	S7 AND S8
S18	0	S9 AND S10 AND S16
S19	24	S12 OR S13 OR S16 OR S17
S20	19	S19 NOT PY>2001
S21	19	S20 NOT PD>20011116

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Mar
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21/5/1

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01167789 DOCUMENT TYPE: Product

PRODUCT NAME: Microsoft Office 2003 (167789)

Microsoft Corp (112127)
1 Microsoft Way
Redmond, WA 98052-6399 United States
TELEPHONE: (425) 882-8080

RECORD TYPE: Directory

CONTACT: Sales Department

Microsoft's Microsoft (R) Office (R) 2003 provides a wide range of new document collaboration, e-mail communications, information **management**, online help, presentation, and XML support features. The system allows users to create document workspaces, which support the **collaborative** authoring, editing, and review of files. Users also can share workspace task panes. The system includes new online presence awareness, Microsoft Windows (R) SharePoint Services integration, and contact information sharing features. Employing the product, users can plan and organize meetings and events; lock down portions of Microsoft Word (R) documents; assign roles to each review cycle participant; merge multiple revisions into a single file; and apply expiration dates to **documents**. Information **rights management** features prevent the unauthorized copying, forwarding, or printing of documents. Microsoft Office 2003 also includes new e-mail notification and inbox message threading features. The system's Research task pane offers access to electronic dictionaries, Web sites, and other reference resources. Microsoft PowerPoint (R) now supports the transfer of presentations to CD-ROMs. Presentations are launched automatically when CDs are inserted in drives. Microsoft Word can import handheld PC notes, and Microsoft PowerPoint, Outlook (R), and Access (R) support third-party and customized smart tags.

DESCRIPTORS: Calendars; Desktop Publishing; Groupware; Office Automation;
Office Suites; Templates; Word Processing

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: Access; Excel; Microsoft Word; Windows; Windows NT/2000;
Windows XP
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Cross Industry
PRICE: Available upon request

DOCUMENTATION AVAILABLE: Online documentation
REVISION DATE: 20031015

21/5/2

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01070521 DOCUMENT TYPE: Product

PRODUCT NAME: Secure/Net (070521)

Palace Guard Software (661261)
444 W Ocean Blvd #1402
Long Beach, CA 90802-4528 United States
TELEPHONE: (562) 491-4600

RECORD TYPE: Directory

CONTACT: Sales Department

Secure/Net is an AS/400 security product from Palace Guard Software. It provides additional security checks when remote **requests** are **received** by an AS/400 computer. As a result, authorized users can be **stopped** from performing unauthorized actions on the AS/400. The software captures incoming requests from clients attempting to access server functions and can perform a series of checks based on predefined rules and create an audit trail of all requests that have been received and rejected. The system significantly improves remote access security for the AS/400. It operates in conjunction with standard AS/400 security features and checks each remote request for the required level of authority before the request is allowed to be executed by the operating system. The checks are performed in addition to normal AS/400 authority checking. Secure/Net uses the exit program facility provided by the AS/400 network attributes. Secure/Net can help prevent fraud, malicious damage, and unauthorized access via network connections.

DESCRIPTORS: Audit; Client/server; Computer Security; Intrusion Detection; Network Administration; Remote Network Access; System Monitoring

HARDWARE: IBM AS/400; IBM iSeries

OPERATING SYSTEM: OS/400

PROGRAM LANGUAGES: Not Available

TYPE OF PRODUCT: Mini

POTENTIAL USERS: Cross Industry, AS/400 Networks

PRICE: Available upon request

REVISION DATE: 20020130

21/5/3

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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01021334 DOCUMENT TYPE: Product

PRODUCT NAME: SecureMedia Server (021334)

SecureMedia (643092)

1 Kearny St #B118

San Francisco, CA 94108 United States

TELEPHONE: (415) 563-1800

RECORD TYPE: Directory

CONTACT: Sales Department

SecureMedia (TM) Server for the RealSystem (TM) G2 Platform is a content delivery system which offers secure access-control for streaming media. SecureMedia Server provides encryption so that audio and video content is delivered from the server to the player without **interception**, ensuring that no illegal copying occurs. Scalable to the needs of real-time and on-**demand** content **delivery**, SecureMedia Server can handle large audiences through an integrated audience management system. Nontechnical staff can control access to content with SecureMedia Server's authorized recipient lists, so complex digital rights management systems are not needed. SecureMedia Server supports numerous authentication methods, for a variety of businesses, including payment and usage tracking systems for e-commerce. SecureMedia Server's security features are fast and transparent, so audio and video content is not slowed or degraded by encryption. Other features of SecureMedia Server include a seamless integration with RealNetworks G2 server, a free player add-in for RealPlayer G2, and automatic security features that eliminate overhead at the server.

DESCRIPTORS: Digital Rights Management; Electronic Publishing; Encryption; Entertainment Industry; Internet Marketing; Internet Security; Publishing; Streaming Media; Videoconferencing

HARDWARE: IBM PC & Compatibles; Sun; UNIX
OPERATING SYSTEM: Linux; Solaris; UNIX; Windows; Windows NT/2000
PROGRAM LANGUAGES: Java
TYPE OF PRODUCT: Mini; Micro; Workstation
POTENTIAL USERS: Providers of Streaming Video and Other Internet Content,
Webcasters, Distance Learning, Secure Videoconferencing
PRICE: Available upon request

OTHER REQUIREMENTS: RealNetworks' RealSystem (TM) G2 software required
REVISION DATE: 20010228

21/5/4

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01017941 DOCUMENT TYPE: Product

PRODUCT NAME: MAS 90 (017941)

Best Software Inc (112178)
56 Technology W
Irvine, CA 92618-2301 United States
TELEPHONE: (949) 753-1222

RECORD TYPE: Directory

CONTACT: Sales Department

MAS 90 from Best Software, a series of integrated accounting applications, provides complete and timely financial reports with up-to-date information. The series features user-definable options; a utility that lets users easily import and/or export data directly from application and ASCII delimited file formats; recurring, reversing, standard, and transaction journal entries; a flexible chart of accounts; and future postings. MAS 90 offers multiple company consolidations, complete audit trails, and the retention of budget and history information. Standard financial statements include departmental and consolidated income statements. The transaction journal- **entry program** provides for rapid batch entry and posting of transactions such as cash disbursements and cash receipts. Budget and variance **reports** can be obtained automatically. In **addition**, MAS 90 users can custom design their own financial reports by specifying headlines, accounting data, and totals to be printed. Information for a group of accounts, from other reports or from multiple companies with a different chart of accounts can be consolidated. MAS 90 is also offered in a client/server edition and with SQL Server support.

DESCRIPTORS: Accountants; Accounting; Budgeting; Client/server; Financial Reporting; General Ledger; Manufacturing; Wholesalers; Worksheet Consolidators

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: NetWare; SQL Server; Windows; Windows NT/2000
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Cross Industry
DATE OF RELEASE: 01/1988
PRICE: Available upon request
NUMBER OF INSTALLATIONS: 40000
DOCUMENTATION AVAILABLE: User manuals; online documentation
TRAINING AVAILABLE: Training at vendor location; telephone support; technical support; support contracts
SERVICES AVAILABLE: Newsletters; updates
REVISION DATE: 20030424

21/5/5

offering 30 percent faster operation via 32-bit file access. Users should plan the network thoroughly up front, preparing a log of all changes to the computer and a list of **Interrupt Requests** and **Input / Output** ports in use. Coaxial or twisted pair cable connections are used, and EtherNet network cards are recommended, because they are the most standardized. Other topics covered include installing the network, add-on products, and support.

COMPANY NAME: Microsoft Corp (112127)
DESCRIPTORS: IBM PC & Compatibles; LANs; Network Software; Operating Systems; Windows
REVISION DATE: 20010530

21/5/18

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00071762 DOCUMENT TYPE: Review

PRODUCT NAMES: Enterprise Desktop Manager (487198)

TITLE: Desktop Synchronicity with Novadigm's EDM

AUTHOR: Schwartz, Deborah

SOURCE: HP Professional, v8 n11 p20(1) Nov 1994

ISSN: 0986-145X

HOME PAGE: <http://www.hppro.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Novadigm's Enterprise Desktop Manager (EDM) was chosen by a public utility company when they decided to add several new client/server applications across their 8,500 PCs. Unable to continue the manual maintenance and update routines, EDM allowed them to keep up with current versions of software through automation. EDM lets managers automate configuration, change, distribution, security, and asset and session management from a central server. The object-oriented program can manage application components, desktop configurations, and **access policy** relationships in a central repository. It supports over 150 desktop emulators and communications protocols, and includes six systems management applications. The configuration management module lets the administrator assign applications to users or workgroups by **connecting** them as visual **objects**. It can automatically decide who receives which applications based on company policies.

COMPANY NAME: Novadigm Inc (577472)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Client/server; Document Management; IBM PC & Compatibles; Network Software; Utility Industries; Workflow
REVISION DATE: 19980530

21/5/19

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00068732 DOCUMENT TYPE: Review

PRODUCT NAMES: DRAWPIPE (527289)

TITLE: DRAWPIPE

AUTHOR: Stone, Neil

SOURCE: CADalyst, v11 n9 p31(2) Sep 1994

ISSN: 0820-5450

HOME PAGE: <http://www.cadonline.com>

Set	Items	Description
S1	297034	COLLABORATIVE OR COOPERATIVE OR SYNERGETIC OR SYNERGI? OR - COOPERAT? OR COWORKING OR CO()WORKING
S2	11691	(FILE OR FILES OR DOCUMENT? OR RECORD? OR REPORT? OR MANUSCRIPT? OR CITATION? OR TEXT OR IMAGE? OR OBJECT?) (2N) (RIGHT? OR PRIVILEGE OR PROFILE?)
S3	4890314	MANAGEMENT OR ADMINISTRATION OR OVERSIGHT OR CONTROL? OR SUPERVIS?
S4	5293	(ACCESS OR ADMISSION OR ADMITTANCE OR ENTRY OR ENTREE OR INGRESS) (2N) (POLICY OR (PLAN OR COURSES) () ACTION OR PROCEDURE - OR PROGRAM)
S5	2755	(DIGITAL? OR ONLINE OR ELECTRONIC) (2N) (RIGHT? OR PRIVILEGE? OR PROFILE?)
S6	73096	(APPEND? OR (ADD OR TACK) () ON OR ADDITION? OR JOIN? OR UNITE OR AFFIX? OR ATTACH? OR CONNECT? OR ANNEX? OR SUPPLEMENT) (-5N) (FILE OR FILES OR DOCUMENT? OR RECORD? OR REPORT? OR MANUSCRIPT? OR CITATION? OR TEXT OR IMAGE? OR OBJECT?)
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S8	328257	INTERCEPT? OR INTERRUPT? OR STOP? OR DEFLECT? OR (CUT OR HEAD) () OFF
S9	3649882	USER OR CLIENT? OR COMPUTER? OR PC OR STAND() ALONE? OR STANDALONE? OR WORKSTATION? OR WORK() STATION? OR NODE?
S10	14128	(GRANT? OR ALLOW? OR PERMIT?) (2N) (ACCESS OR ADMISSION OR ADMITTANCE OR ENTRY OR ENTRIE OR INGRESS)
S11	279630	ENCRYPT? OR DECOD? OR UNENCOD? OR DECRYPT? OR UNENCRYPT? OR UNCRYPT? OR CIPHER? OR CYPHER? OR ENCOD? OR ENCIPHER? OR ENCRYPTHER? OR UNCOD? OR DECIPHER? OR DECYPHER? OR UNCIPHER? OR - UNCRYPTHER? OR CRYPTO? OR ENCRYPT? OR PKI
S12	0	S1 (3N) S2 (3N) S3
S13	51	S1 AND S2 AND S3
S14	0	S4 AND S5 AND S6
S15	59	S4 AND S6
S16	2	S4 AND S5
S17	18	S5 AND S6
S18	241	S7 AND S8
S19	0	S9 AND S10 AND S16
S20	118	S18 AND S3
S21	0	S18 AND S2
S22	16464	S11 (3N) (FILE OR FILES OR DOCUMENT? OR RECORD? OR REPORT? OR MANUSCRIPT? OR CITATION? OR TEXT OR IMAGE? OR OBJECT?)
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S24	6	S9 AND S10 AND S15
S25	137	S13 OR S15 OR S16 OR S17 OR S23 OR S24
S26	116	S25 NOT PY>2001
S27	115	S26 NOT PD>20011116
S28	107	RD (unique items)
File	8: Ei Compendex(R) 1970-2004/Apr W2	(c) 2004 Elsevier Eng. Info. Inc.
File	35: Dissertation Abs Online 1861-2004/Mar	(c) 2004 ProQuest Info&Learning
File	202: Info. Sci. & Tech. Abs. 1966-2004/Feb 27	(c) 2004 EBSCO Publishing
File	65: Inside Conferences 1993-2004/Apr W4	(c) 2004 BLDSC all rts. reserv.
File	2: INSPEC 1969-2004/Apr W3	(c) 2004 Institution of Electrical Engineers
File	233: Internet & Personal Comp. Abs. 1981-2003/Sep	(c) 2003 EBSCO Pub.
File	94: JICST-EPlus 1985-2004/Apr W2	(c) 2004 Japan Science and Tech Corp(JST)
File	99: Wilson Appl. Sci & Tech Abs 1983-2004/Mar	(c) 2004 The HW Wilson Co.
File	95: TEME-Technology & Management 1989-2004/Apr W1	

(c) 2004 FIZ TECHNIK

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13

(c) 2002 The Gale Group

Scheme), and it combines content-based and **collaborative** filtering. The goal is to filter retrieved documents of a query according to the personal interest of a user and to sort them according to the personal relevance. The algorithm tries to make the benefits of **collaborative** filtering available to application domains where **collaborative** filtering could not yet be applied due to lack of the critical mass of users or improper content structure. The algorithm collects background information about the user and the content by implicit and explicit feedback techniques. This information is then used to consecutively adapt user- and **object profiles** according to their maturity. The described algorithm is applicable for the personalization of any kind of application domain, even on multimedia data. GRAS is implemented in the multimedia database MultiMAP as a generic personalization provider module. (Author abstract) 22 Refs.

Descriptors: Distributed database systems; **Management** information systems; Adaptive filtering; Algorithms; Computer supported **cooperative** work; Query languages; Sorting; Data structures; Data reduction; Multimedia systems

Identifiers: Information filtering; Adaptive personalization algorithms; Gaussian rating adaptation schemes

Classification Codes:

723.3 (Database Systems); 723.2 (Data Processing); 723.5 (Computer Applications); 723.1 (Computer Programming)

723 (Computer Software)

72 (COMPUTERS & DATA PROCESSING)

28/5/5 (Item 5 from file: 8)

DIALOG(R) File 8:Ei Compendex(R)

(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

04623852 E.I. No: EIP97023518417

Title: Policies and roles in collaborative applications

Author: Edwards, W. Keith

Corporate Source: Xerox Palo Alto Research Cent, Palo Alto, CA, USA

Conference Title: Proceedings of the 1996 ACM Conference on Computer Supported Cooperative Work, CSCW

Conference Location: Boston, MA, USA Conference Date: 19961116-19961120

E.I. Conference No.: 45971

Source: Proceedings of the ACM Conference on Computer Supported Cooperative Work 1996. ACM, New York, NY, USA. p 11-20

Publication Year: 1996

CODEN: PCCCFW

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications); G ; (General Review)

Journal Announcement: 9704W1

Abstract: **Collaborative** systems provide a rich but potentially chaotic environment for their users. This paper presents a system that allows users to **control** collaboration by enacting policies that serve as general guidelines to restrict and define the behavior of the system in reaction to the state of the world. Policies are described in terms of access **control rights** on data **objects**, and are assigned to groups of users called roles. Roles represent not only statically-defined collections of users, but also dynamic descriptions of users that are evaluated as applications are run. This run-time aspect of roles allows them to react flexibly to the dynamism inherent in collaboration. We present a specification language for describing roles and policies, as well as a number of common 'real-world' policies that can be applied to **collaborative** settings. (Author abstract) 22 Refs.

Descriptors: *Interactive computer systems; User interfaces; Distributed computer systems; Data acquisition; Computer hardware description languages

Identifiers: **Collaborative** systems; Access **control** ; Computer supported **cooperative** work

Classification Codes:

723.1.1 (Computer Programming Languages)

722.4 (Digital Computers & Systems); 722.2 (Computer Peripheral Equipment); 723.2 (Data Processing); 723.1 (Computer Programming)

722 (Computer Hardware); 723 (Computer Software)
72 (COMPUTERS & DATA PROCESSING)

28/5/7 (Item 7 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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04549775 E.I. No: EIP96110408364

Title: Theft of information in the Take-Grant Protection Model

Author: Bishop, Matt

Corporate Source: Univ of California at Davis, Davis, CA, USA

Source: Journal of Computer Security v 3 n 4 1994-1995. p 283-308

Publication Year: 1994-1995

CODEN: 002468 ISSN: 0926-227X

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 9701W1

Abstract: Questions of information flow are in many ways more important than questions of access **control**, because the goal of many security policies is to thwart the unauthorized release of information, not merely the illicit obtaining of access rights to that information. The Take-Grant Protection Model is an excellent theoretical tool for examining such issues because conditions necessary and sufficient for information to flow between two **objects**, and for **rights** to **objects** to be obtained or stolen, are known. In this paper we extend these results by examining the question of information flow from an object the owner of which is unwilling to release that information. Necessary and sufficient conditions for such 'theft of information' to occur are derived. To emphasize the usefulness of these results, the security policies of complete isolation, transfer of rights with the **cooperation** of an owner, and transfer of information (but not rights) with the **cooperation** of the owner are presented; the last is used to model a subject guarding a resource. (Author abstract) 30 Refs.

Descriptors: *Security of data; Computer crime; Computer systems; Information retrieval; Data transfer; Computer simulation; Data acquisition
Identifiers: Take grant protection model; Security policy; Information flow

Classification Codes:

723.2 (Data Processing); 902.3 (Legal Aspects); 903.3 (Information Retrieval & Use); 723.5 (Computer Applications)

723 (Computer Software); 902 (Engineering Graphics & Standards); 903 (Information Science)

72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING)

28/5/10 (Item 10 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

03811020 E.I. No: EIP94021218736

Title: Multiple presentation document management system

Author: Celentano, Augusto; Pozzi, Silvano; Toppeta, Donato

Corporate Source: Politecnico di Milano, Milan, Italy

Conference Title: Proceedings of the 10th Annual International Conference on Systems Documentation - SIGDOC'92

Conference Location: Ottawa, Ont, Can Conference Date: 19921013-19921016

Sponsor: ACM; SIGDOC

E.I. Conference No.: 19819

Source: Proc 10 Annu Int Conf Syst Doc SIGDOC 92 1993. Publ by ACM, New York, NY, USA. p 63-71

Publication Year: 1993

ISBN: 0-89791-532-1

Language: English

Document Type: CA; (Conference Article) Treatment: G; (General Review); A; (Applications)

Journal Announcement: 9404W3

03608609 E.I. Monthly No: EIM9305-030100

Title: Access control for collaborative environments.

Author: Shen, HongHai; Dewan, Prasun

Corporate Source: Purdue Univ, West Lafayette, IN, USA

Conference Location: Toronto, Ont, Can Conference Date: 19921031

Sponsor: ACM SIGCHI; SIGOIS

E.I. Conference No.: 17958

Source: Proceedings of the Conference on Computer-Supported Cooperative Work Proc Conf Comput Supported Coop Work CSCW 92. Publ by ACM, New York, NY, USA. p 51-58

Publication Year: 1992

ISBN: 0-89791-542-9

Language: English

Document Type: PA; (Conference Paper) Treatment: A; (Applications); G; (General Review)

Journal Announcement: 9305

Abstract: Access **control** is an indispensable part of any information sharing system. **Collaborative** environments introduce new requirements for access **control**, which cannot be met by using existing models developed for non-**collaborative** domains. We have developed a new access **control** model for meeting these requirements. The model is based on a generalized editing model of collaboration, which assumes that users interact with a **collaborative** application by concurrently editing its data structures. It associates fine-grained data displayed by a **collaborative** application with a set of collaboration rights and provides programmers and users a multi-dimensional, inheritance-based scheme for specifying these rights. The collaboration rights include traditional read and write rights and several new rights such as viewing rights and coupling rights. The inheritance-based scheme groups subjects, protected **objects**, and access **rights**; allows each component of an access specification to refer to both groups and individual members; and allows a specific access definition to override a more general one. (Author abstract) 11 Refs.

Descriptors: *DISTRIBUTED COMPUTER SYSTEMS; USER INTERFACES; SECURITY OF DATA; COMPUTER NETWORKS; MATHEMATICAL MODELS; DATA STRUCTURES; COMPUTER PROGRAMMING

Identifiers: GROUPWARE; ACCESS **CONTROL**; **COLLABORATIVE** ENVIRONMENTS; COMPUTER SUPPORTED **COOPERATIVE** WORK (CSCW)

Classification Codes:

722 (Computer Hardware); 723 (Computer Software); 921 (Applied Mathematics)

72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS)

28/5/13 (Item 13 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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03608316 E.I. Monthly No: EIM9305-029807

Title: Implementing a family of high performance, micrograined architectures.

Author: Owens, Robert Michael; Irwin, Mary Jane; Kelliher, Thomas P.; Vishwanath, Mohan; Bajwa, Raminder S.

Corporate Source: Pennsylvania State Univ, University Park, PA, USA

Conference Location: Berkeley, CA, USA Conference Date: 19920804

Sponsor: Industrial Development Board for Northern Ireland; Natl Science Foundation; Univ of California at Berkeley

E.I. Conference No.: 17925

Source: Proceedings of the International Conference on Application Specific Array Processors Proc Int Conf Appl Spec Array Process. Publ by IEEE, Computer Society, Los Alamitos, CA, USA. p 191-205

Publication Year: 1992

ISBN: 0-8186-2967-3

Language: English

Document Type: PA; (Conference Paper) Treatment: A; (Applications); G; (General Review); T; (Theoretical)

Journal Announcement: 9305

system. The conceptual design, capital and O&M cost estimates, and annual performance estimate for the Solar One Conversion Project are described below. (Author abstract) 7 Refs.

Descriptors: *SOLAR POWER PLANTS--*Research; NITRATES; COMPUTER SIMULATION; ECONOMICS; STEAM GENERATORS; SOLAR RADIATION--Heliostats

Identifiers: SOLAR CENTRAL RECEIVER PILOT PLANT; NITRATE SALT; SOLAR ONE CONVERSION PROJECT; SOFTWARE PACKAGE SOLERGY; PURPA

Classification Codes:

615 (Thermoelectric & Other Power Generators); 804 (Chemical Products); 723 (Computer Software); 911 (Industrial Economics); 614 (Steam Power Plants); 657 (Space Physics)

61 (PLANT & POWER ENGINEERING); 80 (CHEMICAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING); 91 (ENGINEERING MANAGEMENT); 65 (AEROSPACE ENGINEERING)

28/5/17 (Item 17 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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02720536 E.I. Monthly No: EI8903019841

Title: Synchronization and scheduling in ALPS objects.

Author: Vishnubhotla, Prasad

Corporate Source: Ohio State Univ, Columbus, OH, USA

Conference Title: Proceedings - 8th International Conference on Distributed Computing Systems.

Conference Location: San Jose, CA, USA Conference Date: 19880613

Sponsor: IEEE, Computer Soc, Technical Committee on Distributed Processing, Los Alamitos, CA, USA; IEEE, New York, NY, USA

E.I. Conference No.: 11794

Source: Proceedings - International Conference on Distributed Computing Systems. Publ by IEEE, New York, NY, USA. Available from IEEE Service Cent (cat n 88CH2541-1) Piscataway, NJ, USA. p 256-264

Publication Year: 1988

CODEN: PICSEJ ISBN: 0-8186-0865-X

Language: English

Document Type: PA; (Conference Paper) Treatment: X; (Experimental)

Journal Announcement: 8903

Abstract: The synchronization and scheduling mechanisms used in an object-oriented concurrent programming language called ALPS are described. The main contributions of ALPS are the concept of a manager process and the concept of a hidden procedure array. An object can have a special high-priority process called a manager which intercepts entry calls and implements the necessary synchronization and scheduling for the object. The manager can be programmed to implement any form of preprocessing and postprocessing for the entry calls and to monitor the object. The concept of a hidden procedure array allows an entry procedure to be exported as a single procedure but implemented as a procedure array. When multiple calls to the entry procedure arrive at the object, each call gets attached to a different element of the hidden procedure array. This simplifies the programming of concurrency within an object. The language mechanisms are illustrated using several examples. 24 Refs.

Descriptors: COMPUTER PROGRAMMING LANGUAGES--*Synchronization; COMPUTER SYSTEMS, DIGITAL--Distributed

Identifiers: OBJECT ORIENTED PROGRAMMING LANGUAGE; CONCURRENT PROGRAMMING LANGUAGE; SYNCHRONIZATION/SCHEDULING

Classification Codes:

723 (Computer Software)

72 (COMPUTERS & DATA PROCESSING)

28/5/21 (Item 4 from file: 35)

DIALOG(R) File 35: Dissertation Abs Online

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01730888 ORDER NO: AADAA-19959674

Collaborative software agents support for the TEXPROS document

management **system**

Author: Lin, Jrtian

Degree: Ph.D.

Year: 2000

Corporate Source/Institution: New Jersey Institute of Technology (0152)

Adviser: Peter A. Ng

Source: VOLUME 61/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 371. 124 PAGES

Descriptors: COMPUTER SCIENCE

Descriptor Codes: 0984

This dissertation investigates the use of active rules that are embedded in markup documents. Active rules are used in a markup representation by integrating **Collaborative** Software Agents with TEXPROS (abbreviation for TEXT PROcessing System) [Liu and Ng 1996] to create a powerful distributed document **management** system. Such markup documents with embedded active rules are called Active Documents. For fast retrieval purposes, when we need to generate a customized Internet folder organization, we first define the Folder Organization Query Language (FO-QL) to solve data categorization problems. FO-QL defines the folder organization query process that automatically retrieves links of documents deposited into folders and then constructs a folder organization in either a centralized document repository or multiple distributed document repositories. Traditional documents are stored as static data that do not provide any dynamic capabilities for accessing or interacting with the document environment. The dynamic and distributed nature of both markup data and markup rules do not merely respond to requests for information, but intelligently anticipate, adapt, and actively seek ways to support the computing processes. This outcome feature conquers the static nature of the traditional documents.

An Office Automation Definition Language (OADL) with active rules is defined for constructing the TEXPROS's dual modeling approach and workflow events representation. Active Documents are such agent-supported OADL documents. With embedded rules and self-describing data features, Active Documents provide capability of **collaborative** interactions with software agents. Data transformation and data integration are both data processing problems but little research has focused on the markup documents to generate a versatile folder organization. Some of the research merely provides manual browsing in a document repository to find the **right document**. This browsing is time consuming and unrealistic, especially in multiple document repositories. With FO-QL, one can create a customized folder organization on demand.

28/5/36 (Item 1 from file: 202)

DIALOG(R) File 202:Info. Sci. & Tech. Abs.

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3700856

Digital patents go to court.

Author(s): Robinson, Sara

Interactive Week vol. 8, no. 18, pages 11-12

Publication Date: May 7, 2001

Document Type: Journal Article

Record Type: Abstract

Journal Announcement: 3702

Reports that InterTrust Technologies has filed a lawsuit in San José, CA, against Redmond, WA-based software behemoth Microsoft Corp., charging infringement of InterTrust's patents on **digital rights** management (DRM). Explains that DRM enables companies to encrypt **documents** or multimedia **files** and **attach** rules for their use. Says that companies developing DRM worry that if InterTrust's patents are upheld by the court, they will be forced to pay costly licensing fees or awkwardly engineer their products to work around the patents. Mentions that the lawsuit asks for damages and an injunction against the distribution and sales of Microsoft's Windows Media Player and other products. Discusses a Jupiter

Record Type: Abstract
Journal Announcement: 2000

This appendix takes a single **program** called Invoice **Entry** and shows how it can be documented using the formats described in the text. Many types of documentation are represented which might be used to describe the reader's program, with each sample preceded by an explanation of what it is. This explanation describes both the format and the way the format applies to the specific program. The following lists the **documentation** samples found in this **appendix**: Annotated Listing; Block Diagram; Chapin Chart; Data Dictionary; File Description; Flowchart; Logic List; Problem Statement; Program Listing; Program Narrative; Pseudocode; Reference Manual; Sample Report; Screen Image; Self-Study Guide; Specifications; Step-by-Step Instructions.

Descriptors: Documentation; Software
Classification Codes and Description: 5.06 (Software and Programming).
Main Heading: Information Processing and Control

28/5/41 (Item 6 from file: 202)
DIALOG(R) File 202:Info. Sci. & Tech. Abs.
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1302904

Computer science and technology: the network security center: a system level approach to computer network security.

Book Title: Final Report. Nbs-sp-500-21-vol-2. Contract Nbs-5-35934. 1978 January. System Development Corporation, Santa Monica, California. 74 P. Ntis: Pb-276 772/1ga; Hc (a04), Mf (a01). See Isa 78-3155/m.

Author(s): Heinrich, Frank

Publication Date: 1978

Language: English

Document Type: Book Chapter

Record Type: Abstract

Journal Announcement: 1300

This report describes a unique approach to the solution of computer network security problems, and provides guidance in the areas of network security architectural issues and implementation options. The approach is based on a network resource, called a network security center. (nsc), which performs the functions of user identification/authentication and access request authorization. The nsc works in concert with network cryptographic devices (ncds) to enforce **access control policy** through the creation or denial of logically separate cryptographic **connections** between subjects (users) and **objects** (resources). The use of a nsc in a network permits effective control over network access, provides for audit data collection, and provides protection against tampering or modification of the access control data base. The architecture presented permits multiple nscs to operate together. Thus addressing issues such as modular expandability, regional subnets, and local control over resources. Network cryptographic devices that use the nbs data encryption standard algorithm and are capable of being remotely keyed are a vital part of the nsc security approach. Ncnds provide end-to-end cryptographic message protection, source-destination authentication of identity and, through the remote keying capability, the enforcement mechanism for nsc access control decision. Implementation options for a nsc are presented, covering the areas of data structures, i/o structure, control structure, and size and performance limitations.

Classification Codes and Description: 5.08 (Graphics and Displays)
Main Heading: Information Processing and Control

28/5/43 (Item 1 from file: 2)
DIALOG(R) File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6977507 INSPEC Abstract Number: B2001-08-6210L-141, C2001-08-5620-037

Title: On tolerating single link, double link, and nodal failures in symmetric grid networks

Author(s): Acampora, A.S.; Gholmieh, R.A.; Krishnamurthy, S.

Author Affiliation: Center for Wireless Commun., California Univ., San Diego, La Jolla, CA, USA

Conference Title: 2000 IEEE Wireless Communications and Networking Conference. Conference Record (Cat. No.00TH8540) Part vol.2 p.572-81 vol.2

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2000 Country of Publication: USA 3 vol. xxx+11602 pp.

ISBN: 0 7803 6596 8 Material Identity Number: XX-2001-00198

U.S. Copyright Clearance Center Code: 0 7803 6596 8/2000/\$10.00

Conference Title: Proceedings of IEEE Conference on Wireless Communications and Networking

Conference Date: 23-28 Sept. 2000 Conference Location: Chicago, IL, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Theoretical (T)

Abstract: We consider a symmetric grid network consisting of N distinct nodes. The number of allowable calls (either the number of circuit switched calls or the maximum number of virtual **connections** such that QoS **objectives** are maintained), between any two nodes of the network is assumed to be a constant. We first determine this constant assuming that the network is fully loaded. Then, we find the maximum additional capacity needed on each link such that single link, and double link failures can be tolerated by rerouting calls around faded links. Results show that the maximum additional capacity needed to recover from any single link, double link, or single node failure, with no loss of connections (except for those connections terminating at a failed node) scales as $1/\text{square root}(N)$. Thus, we conclude that rerouting, combined with an **admission policy** which blocks new call attempts such that a fraction of capacity proportional to $1/\text{square root}(N)$ is reserved for failure recovery, provides totally failsafe operation in the presence of such failure events. (14 Refs)

Subfile: B C

Descriptors: channel capacity; computer network reliability; fault tolerance; network topology; telecommunication network routing

Identifiers: single link failure; double link failure; nodal failure; symmetric grid networks; network nodes; circuit switched calls; virtual connections; QoS objectives; maximum additional capacity; call rerouting; faded links; call **admission policy**; new call attempt blocking; failure recovery; failsafe operation; interconnection topology; reliability/survivability; computer network; Manhattan Street Network

Class Codes: B6210L (Computer communications); B6150P (Communication network design, planning and routing); C5620 (Computer networks and techniques); C5670 (Network performance)

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28/5/44 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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6964032 INSPEC Abstract Number: B2001-08-6135-032, C2001-08-5260B-037

Title: A human perceptive based robust watermarking method against cropping

Author(s): Sugiyama, M.; Goto, M.; Matsumoto, T.; Naoi, T.

Author Affiliation: Gifu Res. Inst. of Manuf. Inf. Technol., Japan

Conference Title: Proceedings VSM 2000. 6th International Conference on Virtual Systems and MultiMedia p.554-60

Publisher: Ohmsha & IOS Press, Tokyo, Japan & Amsterdam, Netherlands

Publication Date: 2000 Country of Publication: Netherlands xiv+727 pp.

ISBN: 4 274 90407 5 Material Identity Number: XX-2000-02534

Conference Title: Proceedings of International Society on Virtual Systems

and Multimedia. 6th International Conference on VSMM

Conference Date: 3-6 Oct. 2000 Conference Location: Gifu, Japan

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Recently there has been an explosion in the use of digital imaging. Digital images are distributed widely in the Internet world, but they are not protected enough against copying and forging. One way to protect the intellectual property rights of the digital contents such as images and music is to embed a watermark into them. We propose a novel watermarking method. This method is robust to cropping because it embeds wavelet coefficients instead of brightness values of the original image. In addition, this takes the human perception property into consideration and so has strong invisibility. (7 Refs)

Subfile: B C

Descriptors: copy protection; human factors; image processing; wavelet transforms

Identifiers: human perceptive based robust watermarking method; cropping; digital imaging; Internet world; copying; forging; intellectual property right; digital contents; watermark; wavelet coefficients; human perception property; strong invisibility

Class Codes: B6135 (Optical, image and video signal processing); B0290X (Integral transforms in numerical analysis); C5260B (Computer vision and image processing techniques); C1260S (Signal processing theory); C4188 (Integral transforms in numerical analysis); C6180 (User interfaces)

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28/5/45 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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6635254 INSPEC Abstract Number: C2000-08-7100-037

Title: In analogy to juridical systems: an access co-ordination framework for shared workspaces

Author(s): Busbach-Richard, U.

Conference Title: IDIMT'99: 7th Interdisciplinary Information Management Talks. Proceedings p.165-72

Editor(s): Hofer, S.; Beneder, M.

Publisher: Johannes Kepler Univ, Linz, Austria

Publication Date: 1999 Country of Publication: Austria 424 pp.

ISBN: 3 85487 046 9 Material Identity Number: XX-1999-02687

Conference Title: Proceedings of IDIMT'99: 7th Interdisciplinary Information Management Talks

Conference Sponsor: Austrian Minstr. Sci. & Transport; Chamber of Commerce of Upper Austria; Telekom Austria; et al

Conference Date: 2-3 Sept. 1999 Conference Location: Zadov, Czech Republic

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Collaborative applications supporting widely-dispersed working groups and organisations are often implemented by the metaphor of shared workspaces. A shared workspace allows for asynchronous accessing of objects, for example, by reading, modifying, or uploading objects into the workspace, and for distribution of meta-information and notifications. In order to avoid inconsistencies because of concurrent changes, the access on objects kept in a shared workspace has to be co-ordinated. Concurrency control schemes applied in real-time groupware or database systems cannot be employed adequately since they limit the concurrency of activities through rigid locking procedures. The paper proposes an access co-ordination framework as a suitable scheme for maintaining workspace consistency. The framework combines concurrency control issues with social conventions for collaboration and is based on an analogy to juridical systems. Using a workspace constitution, a clear distinction between a right to all object (owner) and a permission for operations on an object (possessor) is drawn. Based on this model, workspace members co-ordinate access and consistency of objects by themselves. (18 Refs)

Subfile: C

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00372579 95PW01-086

Collabra Share

McCracken, Harry

PC World , January 1, 1995 , v13 n1 p226-227, 2 Page(s)

ISSN: 0737-8939

Company Name: Collabra Software

Product Name: Collabra Share

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): A

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

Geographic Location: United States

Presents a very favorable review of Collabra Share 1.0 (\$799 for 10 users, \$6,999 for 100 users), a workgroup program from Collabra Software (415). The program facilitates interaction by establishing forums similar to those on CompuServe and America Online. Members of a forum can send and receive messages and share documents (spreadsheets and word processing files) by attaching them to messages or embedding them as OLE objects. It operates similarly to Lotus Notes but lacks Notes' ability to build customized applications. It is also much cheaper than Notes' \$495 per user price. Forums are controlled by moderators who grant access to the forum. Forums can be easily created by using a dialog box and workgroup members without the program can access forums using packages. The program currently works only with Windows, but the vendor plans to develop a Macintosh client. Includes one screen display. (djd)

Descriptors: Groupware; Software Review; Window Software

Identifiers: Collabra Share; Collabra Software

28/5/96 (Item 2 from file: 94).

DIALOG(R) File 94:JICST-EPlus

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03414380 JICST ACCESSION NUMBER: 98A0087251 FILE SEGMENT: JICST-E

Meeting Support Regarding Access Rights in Collaborative Hypermedia

System: VIEW Media.

NAKAMURA TATSUYA (1); YOKOTA YUSUKE (1); TARUMI HIROYUKI (1); KANBAYASHI YAHIKO (1)

(1) Kyoto Univ., Graduate School

Joho Shori Gakkai Kenkyu Hokoku, 1997, VOL.97,NO.105(GW-25), PAGE.25-30, FIG.6, REF.6

JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072

UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02+ 681.51:007.51

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

ABSTRACT: Most of the conventional electric conference systems provide the same documents for all the participants. However, the provisions of personalizable documents is essential in order to define each users' rights to access shared documents. A non-WYSIWIS based conference system has to offer a mechanism to provide access rights information on other participants. In this article, the authors describe requirements in the meeting support regarding access rights of shared documents and propose the user interface for the collaborative hypermedia system: VIEW Media, which allows users to personalize shared documents in the distributed meeting. Some problems which arise in using this interface are also mentioned. (author abst.)

DESCRIPTORS: groupware; user interface; teleconference; distributed processing; hyper-media; access control ; computer network; human interface; information system; image processing system; distributed coordination; cooperative work; presentation system

BROADER DESCRIPTORS: application program; computer program; software; interface; conference; treatment; information media; control ; communication network; information network; network; computer

28/5/99 (Item 5 from file: 94)
DIALOG(R) File 94:JICST-EPlus
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01493980 JICST ACCESSION NUMBER: 92A0142478 FILE SEGMENT: JICST-E
Object Profile **Detection by Active Touch.**
MAEKAWA HITOSHI (1); TANIE KAZUO (1); KOMORIYA KIYOSHI (1); KAKUTA KOICHI
(2)
(1) Mechanical Engineering Lab., (2) Tokyo Engineering Univ.
Nippon Kikai Gakkai Zenkoku Taikai Koen Ronbunshu, 1991, VOL.69th,NO.Pt C,
PAGE.625-627, FIG.8, REF.7
JOURNAL NUMBER: X0587AAL
UNIVERSAL DECIMAL CLASSIFICATION: 681.3:007.51
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Short Communication
MEDIA TYPE: Printed Publication
ABSTRACT: At the **control** of the multifingered robot hand, the tactile
sensing **cooperating** with the motion of the finger makes it possible
to detect the geometrical shape of the unknown object. The finger is
controlled to trace the object surface so as to the tactile sensor
installed at the fingertip can collect the contact information of the
surface. An algorithm is proposed to achieve such an active touch.
Furthermore, its effectiveness is experimentally confirmed using
articulated robot finger with three joints and previously developed
finger shaped miniature tactile sensor using an optical waveguide,
which can detect the location of the contact of the object and the
object surface normal vector at the contact location. (author abst.)
DESCRIPTORS: object recognition; photodetection; tactile sense; position
sensor; robot hand; intelligent robot; active **control** ; robot finger;
knowledge acquisition; computer algorithm; optical waveguide; end
effector; **control** action; position **control**
BROADER DESCRIPTORS: pattern recognition; recognition; detection; sense;
sensor; instrumentation element; robot structure component; robot;
control ; acquisition; algorithm; transmission line; waveguide; action
CLASSIFICATION CODE(S): JE08000Z

Set	Items	Description
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S8	654786	INTERCEPT? OR INTERRUPT? OR STOP? OR DEFLECT? OR (CUT OR HEAD) () OFF
S9	3451616	USER OR CLIENT? OR COMPUTER? OR PC OR STAND() ALONE? OR STANDALONE? OR WORKSTATION? OR WORK() STATION? OR NODE?
S10	78566	(GRANT? OR ALLOW? OR PERMIT?) (2N) (ACCESS OR ADMISSION OR ADMITTANCE OR ENTRY OR ENTRIE OR INGRESS)
S11	176893	ENCRYPT? OR DECOD? OR UNENCOD? OR DECRYPT? OR UNENCRYPT? OR UNCRYPT? OR CIPHER? OR CYPHER? OR ENCOD? OR ENCIPHER? OR ENCRYPTHER? OR UNCOD? OR DECIPHER? OR DECRYPTHER? OR UNCIPHER? OR UNCRYPTHER? OR CRYPTO? OR ENCRYPT? OR PKI
S12	1	S1 (3N) S2 (3N) S3
S13	151	S1 (S) S2 (S) S3
S14	1	S4 (S) S5 (S) S6
S15	24	S1 (10N) S2 (10N) S3
S16	43	S4 (10N) S6
S17	3	S4 (10N) S5
S18	353	S7 (10N) S8
S19	0	S9 (S) S10 (S) S16
S20	18464	S9 (S) S10
S21	887	S20 (S) S11
S22	19	S21 (S) S1
S23	9535	S1 (3N) (FILE OR FILES OR DOCUMENT? OR RECORD? OR REPORT? - OR MANUSCRIPT? OR CITATION? OR TEXT OR IMAGE? OR OBJECT?)
S24	6	S23 (2N) (AUTOMATIC? OR INSTINCTIVE? OR SPONTANEOUS? OR INVOLUNTARY? OR IMPULSIVE?)
S25	1	S13 (S) S20
S26	54	S12 OR S14 OR S15 OR S17 OR S22 OR S24 OR S25
S27	47	S26 NOT PY>2001
S28	44	S27 NOT PD>20011116
S29	39	RD (unique items)
File	15:ABI/Inform(R)	1971-2004/Apr 23 (c) 2004 ProQuest Info&Learning
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KEYWORD: CALIFORNIA

INDUSTRY KEYWORD: COMED COMPUTERS/ELECTRONICS TELECOMMUNICATIONS

INTERACTIVE/MULTIMEDIA/INTERNET PRODUCT

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URL: <http://www.businesswire.com>

>

...Protects content from			
Protection			piracy, fraud, and
of Content			theft

Component-based	Yes	No	Create and manage
Policy			flexible access and use
Programming			policies

Rights	Management	Online & Offline	Online Enforces rights
for			
		Required	mobile and other
			disconnected users

Value Chain	Multi-Tier	Two-Tier	Enables diverse
Support			relationship...

29/5,K/10 (Item 2 from file: 810)
DIALOG(R) File 810:Business Wire
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0492183 BW1167

**BENTLEY SYSTEMS 3: Bentley Unveils Technical Document Management for
MicroStation; TeamMate Product is Integrated with MicroStation, Spans
Engineering Lifecycle**

June 06, 1995

Byline: Business Editors/Computer Writers
Dateline: ATLANTA
Time: 08:56 PT
Word Count: 769

A/E/C SYSTEMS '95

ATLANTA--(BUSINESS WIRE)--June 6, 1995--Bentley Systems, Inc., the leader in professional CAD products and services to engineers, drafters, and organizations whose overall success relies on CAD, today announced its MicroStation TeamMate(TM) technical document management system. Built to meet the broad requirements of the full engineering lifecycle, the integrated product can manage all engineering documents and can be used by project engineers and managers alike. The easy-to-use TeamMate works "out-of-the-box" and can serve as a development environment to create customized solutions for team members.

Technical document management helps users, companies, and

organizations better manage the increasing volume of project documents within increasingly complex engineering workflows. Providing both document and workflow management, TeamMate is based on proven technology from Opti Inter-Consult of Finland. That technology is now in use at companies and organizations throughout Europe.

Bentley vice president of product marketing, Yoav Etziel, comments, "Companies want easy-to-use document management that works throughout the lifecycle -- otherwise, the whole purpose of document management is defeated. TeamMate gives all team members effective document and workflow management." Etziel adds, "TeamMate allows users and the team to concentrate on their work and not get bogged down in managing documents."

TeamMate runs within the MicroStation(R) range of products. MicroStation files are managed by TeamMate automatically and users can access all document and workflow management functions from within the MicroStation user environment. Like other MicroStation products, TeamMate supports a full range of PC and workstation platforms including DOS, Windows(TM), OS/2, Windows NT(TM) for Intel-based and DEC Alpha AXP(TM) computers, Power Macintosh(TM), Sun SPARC(TM), HP RISC, SGI, Intergraph Clippers and the IBM RS series machines.

As a development platform for focused solutions, TeamMate allows for easy customization of items such as workflow definition and user access rights. It also inherits MicroStation's programmable MDL(TM) environment. TeamMate can handle all types of documents in the engineering lifecycle, including engineering drawings, word processing documents, and spreadsheet files. Companies can even add custom document management functions to the product.

MicroStation TeamMate product manager, Dave Widdoes, comments, "The benefits of TeamMate are far-reaching. Not only does it manage engineering projects, but it serves as an environment to prepare engineering data for the enterprise." He adds, "As this data becomes more important to the enterprise, so does its management of the data. For instance, TeamMate greatly aides in ISO-9000 and OSHA compliance."

Specific document **management** functions supported by TeamMate include: security, or **controlling** access **rights** to existing **documents**; workflow, or managing document creation, editing, and review; audit trail, or maintaining historical data; and **collaborative** teaming, or "check-in/check-out" capability.

Several companies are providing products and services based on the TeamMate technology. TSA/Advet (Pittsburgh, PA), the leading provider of document management solutions to the MicroStation market, will use TeamMate as the platform for their next generation Falcon/DMS product. Also developing a TeamMate-based product is interMETHODS (Surrey, UK). Opti Inter-Consult will offer consulting services to organizations implementing TeamMate solution.

Availability and Pricing

TeamMate works with any ODBC-compliant database, including Access, Sequel Server, SQL, Oracle, and Informix. TeamMate will be available to MicroStation V5, MicroStation V5.5, MicroStation PowerDraft(TM), and MicroStation Review(TM) V5 users for a U.S. list price of \$475.00 for each client seat. MicroStation TeamMate may also be purchased in a 6-pack version, which includes one copy of MicroStation Review, for \$2,450.00. The first Beta release of the product will be available in July of 1995.

For demonstrations or more information, please contact Bentley at 800/778-4274, via the Internet at family@bentley.com, or through the World Wide Web at <http://www.bentley.com/>.

More on Opti Inter-Consult

Opti Inter-Consult is the developer of the TeamMate product, which will be marketed and distributed exclusively by Bentley worldwide. The company, founded in 1990, has over 25 people with offices in Finland, The Netherlands, and the UK. The company offers drawing management products, GIS and facility management solutions, and related services, including consulting to organizations implementing TeamMate solutions.

More on Bentley

Bentley Systems, Inc. is the leader in professional computer-aided design products and services to engineering organizations where CAD is mission-critical. The company's MicroStation product range is relied upon by over 180,000 professional users and over 700 commercial application developers worldwide in the architecture/engineering/construction (AEC), geographic information systems (GIS), and mechanical design markets. Founded in 1984, Bentley has now become one of the world's fastest growing software companies.

MicroStation is a registered trademark; and MicroStation TeamMate, MicroStation PowerDraft, MicroStation Review, and MDL are trademarks of Bentley Systems, Incorporated. Windows and Windows NT are trademarks of Microsoft Corporation. Other brands and product names are trademarks of their respective owners.

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KEYWORD: GEORGIA PENNSYLVANIA

INDUSTRY KEYWORD: COMPUTERS/ELECTRONICS COMED

...management of the data.

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29/5,K/11 (Item 1 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext
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01229813 CMP ACCESSION NUMBER: EET20010115S0049

Startup's tool takes silicon implementation flow through layout -
DesignWarrior targets RTL design planning

Richard Goering
ELECTRONIC ENGINEERING TIMES, 2001, n 1149, PG65
PUBLICATION DATE: 010115
JOURNAL CODE: EET LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: DESIGN AUTOMATION
WORD COUNT: 773
TEXT:

Cupertino, Calif. - Startup InTime Software Inc. will announce a broad range of capabilities in a single tool this week when it introduces its first product, DesignWarrior. The product is an RTL design-planning tool that can automatically control the silicon implementation flow all the way through layout.

COMPANY NAMES (DIALOG GENERATED): Dataquest ; EDA ; High Level Design Systems ; InTime ; Startup InTime Software Inc ; Synopsys

... provides immediate feedback by predicting the number of logic levels between each set of registers.

InSight's **collaborative** interface automatically generates **reports** , performs interface validation and verification, ensures that changes made by one designer are communicated to others and...

29/5,K/12 (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
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01115631 CMP ACCESSION NUMBER: IWK19970106S0031

Powerful Tools

INFORMATIONWEEK, 1997, n 612, PG45
PUBLICATION DATE: 970106
JOURNAL CODE: IWK LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Software
WORD COUNT: 2381
TEXT:

The software industry will add more muscle to the enterprise this year. The goal: to make more data and applications available to users- and help them do more with it. Hot items for IT managers will be a more scalable network operating system, Web-based collaborative tools, powerful ways to customize desktop applications, client-server applications that can be accessed via the Web, database modules for a variety of unstructured data types, and improved online analytical processing capabilities. Here are the highlights of what's generating the most heat.

... RadNet, and WebFlow have hit the market, offering customers a wider range of Web-based choices. Document **management** vendors such as **Documentum** and Net- **Right** Technologies plan to roll out Web-based front ends to data stores and **collaborative** applications, and to add new workflow capabilities.

The traditional groupware vendors are taking extraordinary steps to make...

29/5,K/15 (Item 3 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
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077605

Message Queue

Byline: Readers
Journal: Network World Page Number: 70
Publication Date: September 13, 1999
Word Count: 587 Line Count: 56

Text:

...available today, the hardware and software mechanisms that would enable more granular features such as application and **user** prioritization have not been standardized and, where available, are usually proprietary. If policy-based networking is to...

... are to be prioritized. These directions need to be made at a corporate level, with input and **cooperation** from all business units. This is a rather daunting task that will require time and involve a...

... negotiate services with security associations, or what Curtis refers to as end points. Furthermore, the product can **decrypt** datagrams and optionally pass them up the IP stack to the service proxies, which will match them to their associated application service. If the rule **allows access** from the requesting **client**, the data will be allowed to pass on to the secure host. Raptor Firewall also supports dynamic...

29/5,K/31 (Item 9 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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02823527 Supplier Number: 45726323 (THIS IS THE FULLTEXT)
IBM SEEKS TO REGAIN DESKTOP MARKET VIA NOTES

Report on Microsoft, v3, n16, pN/A
August 14, 1995
ISSN: 1072-9453
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 561

TEXT:

As Aug. 24 nears, IBM is shifting the debate from Windows 95 versus OS/2 to Windows 95 versus Lotus Notes. Big Blue would like to reclaim the desktop market by promoting Notes as the backdrop which users see for all of their computing functions or tasks.

IBM wants a situation where people don't ever go back to the Program Manager level or the Windows level -- users should be able to get mail, use their word processor, crunch numbers, and open files all within Notes," said Gerry Murray, an analyst with International Data Corp. (Framingham, Mass.).

IBM laid out \$3.5 billion in cash for its merger with Lotus Development Corp. last month, mainly to acquire Notes. To be on the desktop level is a powerful position, and that's why IBM saw the value of Notes, Murray said.

"With Windows 95 receiving good reviews, it's smart for IBM to switch the battleground to this level," agreed Don Nimi, consultant for a branch of Peat Marwick (Washington, D.C.).

THE NEXT LEVEL

Notes software is the next level above the operating system.

Lotus CEO Jim Manzi has said that Notes has the potential to become the most widely used network interface. Microsoft's competing product, Exchange Server, will not be available until later this year, and even then it's questionable if that will truly compete with Notes.

At the code-writing level, developers use Notes as a communications tool, Nimi explained.

They can write code and simultaneously run portions of it while on-line with other developers to discuss what they're doing. "In this sense, Lotus Notes acts as an interface, and that's pretty unique to the industry," he said.

Notes is really the lowest end of the application development environment, Murray said. "Out of the box, it really doesn't do much; users have to customize their own applications," he said. But administrative staffs, rather than information systems managers, can design their own applications.

According to IDC figures, 60,000 to 70,000 companies worldwide use Notes, and nearly 9,000 Notes resellers sell applications specific to certain functions or fields, such as legal and tracking applications.

NOT JUST E-MAIL

"IBM's challenge is to redefine Notes in the minds of customers," Murray said. "A lot of people are using it as an E-mail system, and that's not very valuable." Notes is **collaborative file** sharing and **automatic** information sharing, which is important because most administrative processes are largely communicative, he said.

"To the non-technical user, it acts like the operating system," Murray said. "(Users) can pull up a word processor, spreadsheet, or filing system."

But another analyst disagreed with the notion that Notes supersedes the operating system. "You can't ignore the operating system," said Greg Cline, research director of network integration and management for Business Research Group (Newton, Mass.). "It may be irrelevant to the user, but it's never irrelevant to the systems manager."

No matter how much the operating system debate heats up, IBM would never run Notes solely on OS/2, Cline said. "Notes will continue with its multi-platform strategy," he said.

Cline agreed that little competition exists now for Notes, but predicted that Internet or World Wide Web-based tools will supersede Notes in five years. "Companies will have Intranet -- web servers that are internal to the corporation and deployed at the departmental level," he said.

(RACHEL BROWN)

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PUBLISHER NAME: DataTrends Publications, Inc.
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)

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"To the non...

29/5,K/32 (Item 10 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
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02812333 Supplier Number: 45705300 (THIS IS THE FULLTEXT)
IBM TRIES TO REDEFINE MARKET FOR INTEGRATING DESKTOPS INTO ENTERPRISE
Distributed Systems Management Report, v8, n8, pN/A
August 1, 1995
ISSN: 1079-4727
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 561

TEXT:

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